

# Development of Disaster Management Plan at Upazila Level

# Upazila: Rangunia, District: Chittagong

# Plan Developed by-Upazila Disaster Management Committee, Rangunia, Chittagong

Co-ordanated by:



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# Supported by

## Comprehensive Disaster Management Program (CDMP-2)

## Ministry of Disaster Management & Relief











#### PREFACE

Bangladesh is a disaster prone country. This country has been considered as a country highly vulnerable to disasters in the world. Recently the intensity and havoc of disasters has been gradually mounting. Large scale disasters like flood, cyclone, tidal surge, drought, tornado, river erosion are occurring more frequently in Bangladesh. That is why government of Bangladesh has undertaken appropriate actions underscoring the need to reduce risks. Government has been implementing a program titled "Comprehensive Disaster Management Program -2 "realizing its importance. Under this program Disaster Management Committee have been organized from national to district, Upazila and union level.

Local level preparedness for risk reduction and response has been outlined in Standing orders on Disasters (SOD). Here more emphasis has been put on local level planning for Disaster (DM Plan) for risk reduction of disasters and adaptation process.

Necessary actions has been undertaken to develop "Disaster Management Plan "at district, Upazila and unions. To accomplice the task, an NGO named GHARONI has been assigned to support and assist Upazila Disaster Management Committee and Union Disaster Management Committee.

The NGO has undertaken necessary steps and perform different activities in preparing this DM Plan. This Plan has been developed in collaboration and coordination with UzDMCs and UDMCs.

I am convinced that due process has been followed in this respect and a more practical and pragmatic Plan has been comes up.

I take this opportunity to convey my thanks to all particularly members of UzDMcs and UDMCs and GHARONI officials and other relevant stalk holders for effective accomplishment of this critical task.

I hope that the disaster risks will be minimized and adaption activities would be more strengthen if this DM Plan is implemented.

Date:

Md. Ali Shah Chairman

Upazila Parishad, Rangunia , Chittagong & Chairman, Upazila Disaster Management Committee

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## <u>Contents</u>

Chapter: 1 Introduction to local areas					 4
1.1 Background					 4
1.2 Objectives of the DM Planning					 4
1.3 Introduction to local areas					 5
1.3.1 Geographical locations of District and Upazila					 5
1.3.2 Area				••	 5
1.3.3 Population				••	 6
1.4. Short description of Infrastructure and information	n related	to Infr	astruct	ure	 7
1.4.1 Infrastructure					 7
1.4.2 Social Assets					 13
1.4.3 weather and Climate					 36
1.4.4 Others					 37
Chapter: 2 Disasters, Hazard and Vulnera	bility				 42
2.1 History of Disasters					 42
2.2 Identification of Hazards and Prioritization					 43
2.3 Different Hazards, its present & future					 43
2.4. Vulnerability and ability					 44
2.5 Most vulnerable areas					 46
2.6. Major sectors of development planning					 48
2.7 Social Map					 52
2.8 Hazards and Risk Map					 53
2.9 Monsoon Calendar of Hazards					 54
2.10 Monsoon Calendar of livelihoods					 55
2.11 Vulnerability on lives and livelihoods					 55
2.12 Hazards Sector and description of risks					 56
2.13 Climatic Change and its potential impacts					 63
Chapter 3 Disaster Risk Reduction					 64
3.1 Identification of Causes of Risks					 64
3.2 Identification of means to reduce risks					 68
3.3 Development Plan of NGOs					 71
3.4 Action Plan for Disaster Management					 72
3.4.1 Preparedness of Disaster					 72
3.4.2 During disaster					 73
3.4.3 Post Disaster					 74
3.4.4 During normal period / during low risk period					 75

Chapter 4: Emergency Response			 	 86
4.1 Emergency Operation Centre (EOC)			 	 86
4.1.1 Emergency control room			 	 90
4.2. Plan during disaster			 	 91
4.2.1 Keep volunteers prepared			 	 92
4.2.2Circulate of warning massage			 	 92
4.2.3 Approch to move people			 	 92
4.2.4 Recovery & delivering primary treatment			 	 92
4.2.5 Maintenance of Shelters			 	 92
4.2.6 Keep boats ready			 	 92
4.2.7 Conduct survey for need assessment & send report	t		 	 93
4.2.8 Coordinate relief activities			 	 93
4.2. 9 Collect & keep ready dry foods & life saving medici	nes		 	 93
4.2.10 Treatment of domestic animal	••		 	 93
4.2.11 Organize rehearsal	••		 	 93
4.2. 12 Establish and keep in operation of EOC			 	 94
4.2.13 Shelter centers / safe places			 	 94
4.3 List of Safe points / places of Upazilas & district			 	 95
4.4 Formation of Shelter Management Committee			 	 96
4.5 List of Assets that can be used during disasters			 	 97
4.6 Funding			 	 98
4.7 Update & examine Action Plan			 	 101
Chapter 5: Rescue & Rehabilitation			 	 102
5.1 Assessment of damage			 	 102
5.2 Rapid & early recovery			 	 103
5.2.1 Administrative reorganization			 	 103
5.2.2 Cleaning garbage/debris			 	 103
5.2.3 Restoration of public services			 	 103
5.2.4 Emergency livelihoods support			 	 104
Annexure 1 Checklist for implementation of plan during of	disasters		 	 105
Annexure 2 District & upazila Disaster Management Com	mittee		 	 107
Annexure 3 District & upazila Disaster Management Com	mittee		 	 108
Annexure 4 List of members of shelter management com	mittee		 	 115
Annexure 5 District & Upazila at a glance			 	 120
Annexure 6 Few important programs broadcast by Bangla	adesh Ba	ater	 	 121

#### 1.1Background

Standing orders on Disasters (SOD) has clearly been stipulated to take initiative for formulating Disaster Management Action Plan at District, Upazila, Pourashava and City Corporation level incorporating Disaster Risk Reduction and contingency plan. Ministry of Disaster Management and Relief have taken this with serious focusing. The Disaster Management Plan will be developed for a period of 5 years.

Bangladesh is one of the most disaster prone countries in the world. In each and every year more or less all districts experiences different kinds of disasters. Among most vulnerable districts Chittagong is among them. Due to geographical location and impact of Climatic Change, almost every year this district has been affected by different natural disasters like Flood, excessive rain, Cyclone, tornado, tidal surge, intrusion of Salinity, Arsenicosis etc. As the district is most close to sea, there is huge risks for disasters like Cyclone, tidal surging, flood and all these in some way or other affect and damage this coastal areas.

Among all upazilas of Chittagong, Rangunia upazila is more risky and vulnerable to disasters. There are fifteen (15) Unions and one Pourashava under this Upazila. Each and every year one union or other has been severely affected by different natural disasters like flesh food, tornado, salinity, water stagnation, drought etc.

#### **1.2 Objectives of DM Planning**

- Prepare a strategic document for certain areas and time
- It will act as a Comprehensive Plan for relevant all sectors including local and national level Disaster Management Committees.
- This Plan will provide guidance in formulating and implementing plan for all partners relevant to Disaster Management.
- Create effective partnership sense and participation in Disaster Planning of local communities and make development of risk reduction system by using local resources.
- Exercise and use locally developed planning for Need Assessment, Rescue, relief and rapid rehabilitation.
- Create awareness on disaster risks and to develop pragmatic means at union, upazila and district level for disaster risk reduction.

#### **1.3** Introduction to local areas:

Rangunia upazila is an important habitant of Chittagong district. It is located in the North East of Chittagong district. The Chittagong to Kaptai road has crossed this Upazila. A large eastern part of the Upazila is covered by hills and dense forest. Two mighty rivers Isamoti and Karnafulli have crossed this Upazila. This upazila is bordered with hilly district Rangamati that is a district of 3 Chittagong Hill district.

#### **1.3.1.** Geographical locations of Rangunia Upazila.

Kaukhali is in the north of Rangunia Upazila and in the south it is Chandanaish upazila and Bandarban Sadar, in the east it is Kaptai and Rashthali upazila of Rangamati district. In the west it is Raoujan and Boalkhali Upazila. This Upazila is about 40 KM away from Chittagong city. It,s areas are 347.73 Sq.KM. The upaila is consists of 156 villages, 72 mouzas, 15 unions, and 1 Pourashava. There are 1072 KM road in this Upazila. Among them 574 KM are Kacha, 329 KM Semi Pucca and 169 KM paved. There is one embankment which is about 24.25 KM Long.

#### 1.3.2 Areas

The Chittagong district was formally created in 1966 and its areas are 5282.98 Sq. KM. There are 14 Upazilas under Chittgaong district and Rangunia is one of them. Its areas are 347.73 Sq. KM. There are 15 unions, 1 Pourashava, 72 Mouzas and 165 villages. Union base list of Mouzas are provided below-

SI. No.	Name of Unions	Union based Mouzas
1	Razanagar	Bogabili, Baranchari, Dhakkin Khagda, Jungle Bagabili, Lot 56 Tanda Chari,
		Maddam , Khagra, Shalbukka, Magachari, Tandachari
2	Hosnabad	Bainala, Dakkin Nichintapur, Khargala
3	Swanirbar Rangunia	Gumai, Rangunia
4	Mariumnagar	Debipur Kadamtoli, Katakhali, Saidbari
5	Parua	Isamoti, Jungle Parua, Jungle surata singardala, Kokania, Lot 99 Hazari,
		Parua, Dakkin Singardala
6	Pomra	Jumgla Pomra, Pomra
7	Betagi	Adargona, Baniagona, Betagi, Uttar Betagi, Pachim Betaggi, Madda Betagi,
		Demir chara, Dingalayaya, Changkhali, Gunguni batagi, Kaokhali, Pukiwala,
		Tinsoudia
8	Sarafbhata	Jungle Sarafbhatta, Sarafbhata
9	Silok	Silok, Telabanga
10	Padua	Danikoop, Jadu Pukuria, Falaharia, Napit Pukuria, Narricha, Padua, Pachim
		Kurashia. Purba kurashia, Sukbilash, Kurasundari
11	Chandragona	Chandragona, Gumijeel, Kadamtali
12	Kodala	Dopaghat, Kodala, Lort-2 Kodala, Lot 5 jungle Kodala
13	Islampur	Mdda Khagra, Pacchim Nichintapur, Purba Nicintapur, Uttar Nichintapur
14	Dakkin Razanagar	Dhakkin razanagar, Purba Nichintapur
15	Lalanagar	Gorzimia, Hosnabad, Lalanagar, Lort-58 Nichntapur, Purba Nichintapur

**1.3.3 Population-**Total populations in 15 unions of Rangunia upazila are 411609. Among them male are 204905 and women are 206704, children 106495, old 21906, and disabled are 4605. Peoples of different levels are exhibited in below table-

SI No.	Name of Unions	Male	Female	Children (0-15)	Old ( 60+)	Disabled	Total Population	Households	Total voters
1	Razanagar	9713	9459	7036	1189	115	19172	3863	11128
2	Hosnabad	7515	7356	2092	1040	148	14871	2930	9326
3	Swanirbar Rangunia	6445	6990	4366	1308	187	13354	2478	9451
4	Mariumnagar	18240	17100	6213	1399	375	35370	4230	15485
5	Parua	6966	7457	5178	1067	115	14423	3062	9692
6	Pomra	12256	13403	9288	1822	410	25659	5124	16232
7	Betagi	23130	27100	7302	1579	984	50230	2855	15122
8	Sarafbhata	24200	25500	9960	1647	397	49700	4800	20230
9	Silok	8487	9522	6501	1459	180	18009	3744	12010
10	Padua	35500	34500	13839	2425	504	70000	7200	28000
11	Chandragona	15499	14722	10728	1964	393	30221	6197	17694
12	Kodala	9669	9296	6827	1194	152	18965	3642	11363
13	Islampur	11667	9377	5808	1047	267	19044	3104	9078
14	Dakkin Razanagar	8930	8995	6092	1559	233	17920	3546	9700
15	Lalanagar	6648	7897	5265	1207	145	14545	3014	9979
Tota	l	204905	206704	106495	21906	4605	411609	59789	195039

Kha) Sources of information- All UP Chairmen and Secretaries

## 1.4 Infrastructure and brief detail of infrastructures

#### 4.1 Infrastructures:

#### Ka) Embankment-

There are embankments on rivers and cannels to protect intrusion of flood and tidal water to Rangunia upazila. Total length of embankments are 24.25 KM. Number of embankments and its locations are exhibited below-

- There is a .50 KM embankment from Isamoti 2 no ward to Isamoti government Primary school. Height of this embankment are 15 feets. Again there are another .50 KM embankment from farampara to Maizepara and its height are 15 feets.
- There is a 6 KM embankment from Purba Sabdinagar to Uttar parua and its height are 12 feets.
- There is a 3 KM embankment from Pachim betagi to Mohamuni in the 1,2 and 3 no wards and its height are 12 feets.
- There are a 5 KM embankment from Lalanagar Chandnagar to Garakhil mogul Isamoti khal in the 1,2,3 and 7 no wards and its height are 12 feets.
- There is a .25 KM embankment in the 1 no ward of Hosnabad union and its height are 12 feets.
- There is a 5 KM embankment in the 5,6,7 and 8 no ward of Shilok union and its height are 12 feets.
- There is a 5 KM embankment in the 3,4,5 and 6 no ward of Padua union and its height are 12 feets.

## Kha) Sluice gate

There are 15 sluice gates at 15 unions of Rangunia Upazila.

- Moriumnagar union: There is only 1 sluice gate. It is located at Khatakhali khal of 8 no ward.
- Joara union: There is only 1 sluice gate. It is located on the Mukti Stream at ward no 1.
- Parua union: There is only 1 sluice gate and it is located on the Latichara canal at ward no 3.
- Batagi union: There is only 1 sluice gate and it is located on the Katakhali canal at ward no 1.
- Sarafbhata union: There is only 1 sluice gate and it is located on the Cheringa canal at ward no 7.
- Chandragona union: There are 2 sluice gate one is on the Mahafuz canals of ward no 2 and 3 and another one is on the Khatakhali canals in the ward no 1.
- Sawanirbar union: There is only 1 sluice gate and it is on the Boalmara canal of 4 no ward.

- Hosnabad union: There are 2 sluice gate in this union. 1 is on the Gadra canals of ward no 1 and another 1 is on the Kurmai canal in the ward no 5.
- Padua union: There are 3 Sluice gates in this union.
- Shilok union: There are 2 Sluice gates in this union.

#### Ga) Bridges:

There are 77 bridges in 15 unions of Rangunia Upazila. Union wise list of bridges and their locations exhibited below-

- **Moriumnagar union:** Total numbers of bridges in this union are 19. 2 are on the College gate road at 1 no ward, another 1 is on the DC road. 2 are on the Rashidiapara gramma road at 2 no ward and another 1 is on the Aziz canal. 1 is on the Pagla mama Road at 3 no ward, another is on Amirpara road, and another one is on Tea garden road at 4 no ward another one is on the Marampara road. of 1 no ward, another one is on the Bhagban Chowdhury hat of 6 no ward, another one is on Masjidda Madrasha road and another one is on the Bailtali dewanhat road at ward no 8. It may be mentioned here that all bridges are in good condition and usable and bridges on road are useful for water disposal.
- **Pomra Union:** Total no of Bridge in this union are 4. 1 is bridge is Bipula Khal at 4 no ward, another bridge is Kaokhali bridge at 7 no ward, another bridge is Hagipara road at 9 no ward.
- Lalanagar Union: Total no of Bridge in this union are 12. Those Bridge are in from 1 to 9 no wards.
- **Betagi Union:** Total no of Bridge in this union are 15. Those Bridge are in from 1 to 9 no wards.
- **Sarafbhata Union:** Total no of Bridge in this union are 3. 1 is bridge is Karnafully River at 4 no ward, another bridge is Prakallpo road at 9 no ward, another bridge is Hagipara road at 9 no ward.
- **Hosnabad Union:** Total no of Bridge in this union are 5. 1 is bridge is Kurmai Khal at 3 no ward, another bridge is Pakuya Khal at 5 no ward, another 2 bridge are Srimai Khal road at 7 & 9 noo wards.
- Kodala Union: Total no of Bridge in this union are 6. 1 is bridge is Noa Khal at 2 no ward, another bridge is Nalichari Khal at 5 no ward, another 2 bridge are Srimai Khal road at 7 & 9 noo wards.
- **Rajanagar Union:** Total no of Bridge in this union are 1. 1 is bridge is Bagra Khal at 3 no ward.
- **Parua Union:** Total no of Bridge in this union are 1. 1 is bridge is Echamati Khal at 8 no ward.
- **Sanirbhar Rangunia Union:** Total no of Bridge in this union are 2. 1 is bridge is Changmai Khal at 7 no ward & another bridge is Changmai Khal at 8 no ward.
- 8

- **Shilok Union:** Total no of Bridge in this union are 2. 1 is bridge is Shilok Khal at 5 no ward & another bridge is Shilok Khal at 7 no ward.
- **Padua Union:** Total no of Bridge in this union are 1. 1 bridge is on the Padua Khal at 8 no ward.
- South Rajanagar Union: Total no of Bridge in this union are 1. This bridge is on the Shilok & Padua Khal at 8 no ward.

#### **GHa)** Culverts:

There are 370 culverts of 14 unions of Rangunia Upazila. These culverts support in discharging of water of Hilly Charra, Sub-rivers, branch rivers and rivers. Number of Culverts and locations of culverts are provided below-

- Mariumnagar Union: Total no of Culverts are 42. Those culverts are in from 1 to 9 no wards.
- **Pomra Union:** Total no of Culverts are 35. Those culverts are in from 1 to 9 no wards.
- Lalanagar Union: Total no of Culverts are 23. Those culverts are in from 1 to 9 no wards.
- Betagi Union: Total no of Culverts are 49. Those culverts are in from 1 to 9 no wards.
- Sarafbhata Union: Total no of Culverts are 42. Those culverts are in from 1 to 9 no wards.
- Hosnabad Union: Total no of Culverts are 16. Those culverts are in from 1 to 9 no wards.
- Kodala Union: Total no of Culverts are 13. Those culverts are in from 1 to 9 no wards.
- Shilok Union: Total no of Culverts are 9. Those culverts are in from 1 to 9 no wards.
- Shanirbhor Rangunia Union: Total no of Culverts are 13. Those culverts are in from 1 to 9 no wards.
- Islampur Union: Total no of Culverts are 15. Those culverts are in from 1 to 9 no wards.
- **Soufth Rajanagar Union:** Total no of Culverts are 27. Those culverts are in from 1 to 9 no wards.
- Rajanagar Union: Total no of Culverts are 24. Those culverts are in from 1 to 9 no wards.
- **Padua Union:** Total no of Culverts are 31. Those culverts are in from 1 to 9 no wards.
- Chandraghona Union: Total no of Culverts are 23. Those culverts are in from 1 to 9 no wards.
- **Parua Union:** Total no of Culverts are 21. Those culverts are in from 1 to 9 no wards.

#### Uma) Roads:

There are total 1072 KM roads at 15 unions of Rangunia upazila of Chittagong. Among them 169 KM are paved, 574 KM Kacha and 329 KM HBB road. Number of roads and location statistics are appended below-

**Betagi union:** There are total 20 KM Pucca road, 42 KM Kacha and 24 KM HBB road. Among them 17 KM Kucha and 15 HBB road of 1, 2, 5, 8 & 9 wards are in bad shape.

**Parua union:** There are total 10 KM Pucca road, 40 KM Kacha and 4 KM HBB road. Among them 16 KM Kucha and 3 HBB roads of 1, 2, 3, 4, 5, 8 & 9 wards are in bad shape.

**Mariumnagar union:** There are total 6 KM Pucca road, 16 KM Kacha and 17 KM HBB road. Among them 10 KM Kucha and 5 HBB road of 1, 2, 5, 8 & 9 wards are in bad shape.

**Pomra union:** There are total 14 KM Pucca road, 42 KM Kacha and 37 KM HBB road. Among them 42 KM Kucha and 15 KM HBB road of 2, 5, 8 & 9 no wards are in bad shape.

**Lalanagar union:** There are total 6 KM Pucca road, 20 KM Kacha and 15 KM HBB road. Among them 6 KM Kucha and 4 KM HBB road of 1, 2, 5, 8 & 9 no wards are in bad shape.

**Sarafbhata union:** There are total 4.5 KM Pucca road, 20 KM Kacha and 12 KM HBB road. Among them 7 KM Kucha and 4 KM HBB road of 1, 2, 5, & 9 no wards are in bad shape.

**South Rajanagar union:** There are total 18 KM Pucca road, 45 KM Kacha and 15 KM HBB road. Among them 17 KM Kucha and 15 KM HBB road of 1, 2, 5, 8 & 9 no wards are in bad shape.

**Shanirbhar Rangunia union:** There are total 2 KM Pucca road, 20 KM Kacha and 6 KM HBB road. Among them 5 KM Kucha and 3 HBB road of 1, 2, 5, 8 & 9no wards are in bad shape.

**Chandraghoan union:** There are total 5 KM Pucca road, 18 KM Kacha and 10 KM HBB road. Among them 7 KM Kucha and 5 KM HBB road of 1, 2, 5, 8 & 9 no wards are in bad shape.

**Hosnabad union:** There are total 16 KM Pucca road, 28 KM Kacha and 25 KM HBB road. Among them 10 KM Kucha and 8 KM HBB road of 1, 2, 5, 8 & 9 no wards are in bad shape.

**Islampur union:** There are total 20 Km is Pucca road, 100 Km kacha and 50 KM HBB road. Among them 30 KM Kucha and 20 HBB road of 1, 2, 3, 4, 5, 6, 7, 8 & 9 wards are in bad shape.

**Kodala union:** There are total 4.5 KM Pucca road, 50 KM Kacha and 40 KM HBB road. Among them 27 KM Kucha and 25 KM HBB road of 1, 2, 3, 4, 5, 8 & 9 no wards are in bad shape.

**Rajanagar union:** There are total 5 Km is Pucca road, 95 Km kacha and 25 KM HBB road. Among them 17 KM Kucha and 15 HBB road of 1, 2, 5, 8 & 9 wards are in bad shape.

**Shilok union:** There are total 16 KM Pucca road, 28 KM Kacha and 25 KM HBB road. Among them 17 KM Kucha and 15 KM HBB road of 1, 2, 5, 8 & 9 no wards are in bad shape.

**Padua union:** There are total 21 KM Pucca road, 15 KM Kacha and 12 KM HBB road. Among them 17 KM Kucha and 15 KM HBB road of 1, 2, 5, 8 & 9 no wards are in bad shape.

### Ca) Irrigation system:

Use of tube wells for crop production is not much in Rangunia Upazila. Most deep tube wells are used as sources of drinking water and used in homes and some are used for crop production. Total number of tube wells in 15 unions of Rangunia Upazila are 8271. Among them deep tube wells are 1700, Tube wells are 6151. Detail description are provided below-

SI. No.	Sources of Irrigation	Number	Area covered by Irrigation ( Hectors)	Areas of land affected by Flood	Post flood condition
1	Deep tube wells	1700	24250 acres	8500 acres	Post flood affect can be addressed if govt. and non government support is available.
2	Shallow deep tube wells	6151	There is no	-	-
3	Hand driven tube wells	There is no	There is no	-	-
4	Shallow tube wells	420	1557 acres	About 550 acres	-

#### Cha) Hat & Bazaars:

There are 19 Hat & bazaars in 15 unions of Rangunia Upazila. According to field report hats sit 2 days in a week and Bazars 7 day in a week. There are total 6127 shops in all hat and Bazars of this Upazila. Detail information of hat and bazaars is provided below-

SI	Name Union	Name of Bazar	Markets	Number of shop
no.				
1	Rajanagar	Ranir Hat	2 days / week	1500
2	South Rajanagar	Khamirhat	2 days / week	300
		Rajanagar	2 days / week	135
3	Lalanagar	Lalanagar hat	2 days / week	35
4	Hosnabad	Hosnabad bazaar	2 days / week	85
5	Shanirbhar	Mughal hat	Every day	185
	Rangunia			
6	Moriumnagar	Chowmohony hat	Every day	700
7	Chandraghona	Dobasi bazar	2 days / week	2000
8	kodala	Kodala Bazar	2 days / week	70
9	Sarafbhata	Khatro bazaar	2 days / week	175
10	Shilok	Fultali bazaar	2 days / week	110
		Chakro bazaar	Every day	150
11	Pomra	Shantir hat	2 days / week	90
		Maylar hat	Every day	32
		Gocharahat	2 days / week	112
12	Betagi	Ramtir hat	2 days / week	95
13	Parua	Hazari hat	A week 2দিন	65
14	Podua	Raja bazar	2 days / week	250
15	Islampur	Islampur bazaar	2 days / week	38

## 1.4.2 Social Assets

#### (ka) House/homes-

There are 62225 houses in 15 unions of Rangunia upazila. Among them 22293 are Kacha, 17792 are Pucca and 22220 are semi pucca. Pucca houses are made of bricks, sand, cement and rod and kacha houses are made of Bamboo, trees, tin, Chan, wire and nails, rope, and bamboo fencing. Kacha houses are not disaster resilient. About 40% houses are below flood level. Union wise detail of houses are provided below-

SI.No.	Name of union	Number of H	Number of Homes		Material that are used for
51.110.		Kucha	Pucca	Semi-pucca	making homes
1	Rajanagar	1835	835	1193	
2	Hosnabad	1300	is 922	708	
3	Shaniebhar	921	737	820	Kacha houses are made of Clay,
	Rangunia				Bamboo fence, timber, and
4	Moriumnagar	1030	1520	992	chan or tin on the roof, and
5	Parua	784	1123	1155	Pucca homes are made of
6	Pomra	1597	1830	1933	bricks, sand, cement and rods
7	Betagi	1125	961	2022	
8	Sarafbhata	1536	1252	2320	
9	Shilik	1587	820	1337	
10	Podua	2985	1780	2922	
11	Chandraghona	1671	2683	1843	
12	kodala	1999	1123	1320	
13	Islampur	1121	771	1252	
14	South	1823	620	1103	
	Rajanagar				
15	Lalanagar	979	735	1300	
	Total	22293	17712	22220	

#### (Kha) Water:

Main sources of drinking water of 15 unions of Rangunia Upazila are deep tube well, shallow tube wells and water deriving from river/channels. Total tube wells are 8271. Among them tube wells are 6151 and shallow tube wells are 420.

#### (Ga) Sanitation situation-

Total number of latrines at 15 unions of Rangunia upazila are 38715. Among them Pucca latrine are 15145 and Kacha are 23570. According to survey kacha latrines have been badly affected by various disasters.

#### (Gha) Educational Institutions/ Libraries:

There are total 212 educational institutions in 15 unions of Rangunia Upazila. Among them one are University, 9 colleges, 22 Madrashas, 42 High schools, 70 Kindergarden School, 146 Government Primary school. Union wise information is exhibited below-

Educational Institution	Govt./non- govt./Resi	Name of the institution education	Position/War d	No. of student	Teacher / Teacher
Primary School	Government	Ranir hat Govt. Pri. School	Rajanagar	747	09 people
Primary School	Government	East Rajanagar Govt. Pri. School	Rajanagar	381	08
Primary School	Government	Rajanagar Govt. Pri. School	Rajanagar	334	09
Primary School	Government	Rajabhuban Govt. Pri. School	South Rajanagar	495	07
Primary School	Government	Bagabily Govt. Pri. School	South Rajanagar	527	08
Primary School	Government	Nischintapur Govt. Pri. School	Hosnabad	316	05
Primary School	Government	Ghagra Govt. Pri. School	Rajanagar	587	11
Primary School	Government	Khorshed Govt. Pri. School	South Rajanagar	198	05
Primary School	Government	Fulbagcha Govt. Pri. School	South Rajanagar	399	06
Primary School	Government	Kalipur Govt. Pri. School	South Rajanagar	380	08
Primary School	Government	Rangunia Govt. Pri. School	Lalanagar	593	13
Primary School	Government	Hosnabad Govt. Pri. School	Hosnabad	394	09
Primary School	Government	Nischantapur Govt. Pri. School	of Rangunia in self-sufficient	504	09
Primary School	Government	Mughal Govt. Pri. School	Hosnabad	325	10
Primary School	Government	Gajalia Govt. Pri. School	Hosnabad	325	08
Primary School	Government	Hakimia Govt. Pri. School	Hosnabad	268	07
Primary School	Government	Lalanagar Govt. Pri. School	Hosnabad	452	09
Primary	Government	Rashid Govt. Pri. School	Hosnabad	390	10

Educational Institution	Govt./non- govt./Resi	Name of the institution education	Position/War d	No. of student	Teacher / Teacher
School					
Primary	Government	Mazumdarkhil Govt. Pri.	Shanirbhor	103	07
School	-	School	Rangunia	0.50	
Primary	Government	Khilpara Govt. Pri. School	Shanirbhor	256	09
School			Rangunia	222	00
Primary	Government	Bratha Govt. Pri. School	Shanirbhor	232	08
School	Covernment	Cabak Dargunia Caut Dri	Rangunia	252	00
Primary	Government	Sabek Rangunia Govt. Pri.	Shanirbhor	253	09
School	Covernment	School	Rangunia South	332	07
Primary School	Government	Ali Sattar Govt. Pri. School		332	07
	Covernment	Kulkumari Govt. Pri. School	Rajanagar South	164	05
Primary School	Government	Kulkuman Govi. Pri. School		104	05
Primary	Government	Sahebnagar Govt. Pri.	Rajanagar South	302	08
School	Government	School	Rajanagar	502	08
Primary	Government	Mazumdarkhil Govt. Pri.	South	106	04
School	Government	School	Rajanagar	100	04
Primary	Government	santiniketan Govt. Pri.	South	208	08
School	Government	School	Rajanagar	200	00
Primary	Government	Mariumnagar Govt. Pri.	Moriumnagar	233	11
School	Coveninent	School	internationa de la companya de	233	
Primary	Government	BIZH Govt. Pri. School	Shanirbhor	372	11
School			Rangunia		
Primary	Government	Katakhali Govt. Pri. School	Moriumnagar	268	08
School					
Primary	Government	Mariumnagar Govt. Pri.	Moriumnagar	292	10
School		School	_		
Primary	Government	Syed Bari Govt. Pri. School	Shanirbhor	189	06
School			Rangunia		
Primary	Government	Ichhamati Govt. Pri. School	Shanirbhor	244	06
School			Rangunia		
Primary	Government	Nurul Ullum Govt. Pri.	Shanirbhor	256	08
School		School	Rangunia		
Primary	Government	Mariumnagar Govt. Pri.	Moriumnagar	313	11
School		School			
Primary	Government	Nagartila Aziz Govt. Pri.	Moriumnagar	220	08
School		School			
Primary	Government	Magiumnagar Girls Govt.	Moriumnagar	211	08
School		Pri. School			
Primary	Government	Ghatchek Govt. Pri. School	South	536	10
School			Rajanagar		

Educational Institution	Govt./non- govt./Resi	Name of the institution education	Position/War d	No. of student	Teacher /
Primary School	Government	Sahabdinagar Govt. Pri. School	Parua	289	Teacher 08
Primary School	Government	Paru Govt. Pri. School	Parua	473	08
Primary School	Government	Mofha Parua Govt. Pri. School	Parua	92	05
Primary School	Government	Zakir Hossain Govt. Pri. School	South Rajanagar	545	10
Primary School	Government	Syed Nagar Govt. Pri. School	Parua	248	08
Primary School	Government	Modha Parua Govt. Pri. School	Parua	159	05
Primary School	Government	Academy Govt. Pri. School	South Rajanagar	283	09
Primary School	Government	Pomra Govt. Pri. School	Pomra	252	07
Primary School	Government	Pomra SAS Govt. Pri. School	Pomra	401	07
Primary School	Government	Saplaj Govt. Pri. School	Pomra	402	08
Primary School	Government	Rasipara Govt. Pri. School	Pomra	334	07
Primary School	Government	Hajipara Govt. Pri. School	Pomra	373	06
Primary School	Government	Hilajagi Govt. Pri. School	Shilok	450	08
Primary School	Government	Noasjoan Govt. Pri. School	Pomra	326	07
Primary School	Government	Latipia Govt. Pri. School	Pomra	400	07
Primary School	Government	Noagoan Govt. Pri. School	Shanirbhor Rangunia	312	09
Primary School	Government	kawkhali Govt. Pri. School	Pomra	279	07
Primary School	Government	Betagi Govt. Pri. School	Betagi	339	09
Primary School	Government	Modha Betagi Govt. Pri. School	Betagi	357	09
Primary School	Government	Demirchara Govt. Pri. School	Betagi	286	07
Primary	Government	Betagi Govt. Pri. School	Betagi	220	05

Educational Institution	Govt./non- govt./Resi	Name of the institution education	Position/War d	No. of student	Teacher / Teacher
School					
Primary	Government	Tinchoudhiya Govt. Pri.	Betagi	184	06
School	Covernment	School	Datasi	102	00
Primary School	Government	Gungunia Govt. Pri. School	Betagi	192	06
	Government	Sarafbhata Govt. Pri.	Sarafbhata	610	12
Primary School	Government	School	Saraibilata	010	12
Primary	Government	Uttara Sarafbhta Govt. Pri.	Sarafbhata	400	09
School	Government	School	Saraibilata	400	09
Primary	Government	East Sarafbhata Govt. Pri.	Sarafbhata	423	08
School	Government	School	Saraibilata	425	08
Primary	Government	Sayda Govt. Pri. School	Sarafbhata	317	07
School	Government		Sarahshata	517	0,
Primary	Government	Suchiya Govt. Pri. School	Sarafbhata	360	08
School					
Mirarkhil	Government	মিরেরখিল সঃপ্রাঃবিঃ	Sarafbhata	261	08
Govt. Pri.					
School					
Primary	Government	Bhumirkhi Govt. Pri. School	Sarafbhata	226	09
School					
Primary	Government	Minagasgir Govt. Pri.	Shilok	316	09
School		School			
Primary	Government	kodala Govt. Pri. School	kodala	530	11
School					
Primary	Government	Fakirhat Govt. Pri. School	Shilok	519	09
School					
Primary	Government	Daoling Govt. Pri. School	Shilok	198	08
School					
Primary	Government	Union girls Govt. Pri.	Shilok	238	08
School		School			
Primary	Government	Rajapara Govt. Pri. School	Shilok	497	09
School			1	224	07
Primary	Government	Dhopachari Govt. Pri.	kodala	231	07
School	Coverses	School	kadala	201	07
Primary School	Government	Fhingirpasra Govt. Pri.	kodala	261	07
School	Coucernate	School	kodala		07
Primary School	Government	East kodala Govt. Pri. School	kodala	445	07
Primary	Government	Dhopachari Govt. Pri.	kodala	167	04
School		School	NUUdid	101	04
Primary	Government	Natuar Govt. Pri. School	Shilok	135	04

Educational Institution	Govt./non- govt./Resi	Name of the institution education	Position/War d	No. of student	Teacher / Teacher
School					
Primary School	Government	Podua Govt. Pri. School	at Podua	399	07
Primary	Government	Sarasia Govt. Pri. School	at Podua	519	09
School	Government			515	05
Primary	Government	Sukhbilsh Govt. Pri. School	at Podua	412	10
School					
Primary	Government	Harihar Govt. Pri. School	at Podua	263	08
School					
Primary	Government	Naricha Govt. Pri. School	at Podua	282	08
School					
Primary	Government	Kurshiya Govt. Pri. School	at Podua	564	10
School					
Primary	Government	Harihor Govt. Pri. School	at Podua	537	07
School					
Primary	Government	Falahar Govt. Pri. School	at Podua	196	04
School	Covernment	Chandrach ann Caut Dri	Chandrashan	407	11
Primary School	Government	Chandraghoan Govt. Pri. School	Chandraghon	487	11
Primary	Government	Kadamtali Govt. Pri. School	a Chandraghon	418	09
School	Government		a	410	05
Primary	Government	Aur para Govt. Pri. School	Chandraghon	425	08
School			а		
Primary	Government	J. C. Govt. Pri. School	Chandraghon	354	08
School			a		
Primary	Government	Roysa Govt. Pri. School	Islampur	140	04
School					
Primary	Government	Chaini Govt. Pri. School	Pomra	317	07
School					
Primary	Government	Haji Gafur Govt. Pri. School	Pomra	203	04
School					
Primary	Government	Haji Saobila Govt. Pri.	Sarafbhata	167	04
School		School	The	241	05
Primary School	Government	North Ghatchak Govt. Pri.	The	241	05
	Government	School Fazar Ali Govt. Pri. School	Corporation Sarafbhata	209	04
Primary School	Government		Saraiviidld	209	04
Primary	Government	Barkhola Govt. Pri. School	kodala	168	04
School	Government		NUUUIU	100	
Primary	Government	Falahera Govt. Pri. School	kodala	197	04
School					

Educational	Govt./non-	Name of the institution	Position/War	No. of	Teacher
Institution	govt./Resi	education	d	student	/
Deinen			Deiterreterreterreterreterreterreterrete	455	Teacher
Primary School	Government	Shiyalbukka Govt. Pri. School	Rajanagar	155	04
Primary School	Government	Kamlachari Govt. Pri. School	Rajanagar	158	04
Primary	Government	Taybiya Govt. Pri. School	Chandraghon	267	04
School			а		
Primary School	Government	Dhopaghat Govt. Pri. School	kodala	133	04
Primary	Government	Banagram Govt. Pri. School	চন্দ্রঘোনা	430	04
School	Government			430	04
Primary	Government	Jangol Bagabibi Govt. Pri.	Rajanagar	154	04
School		School	, ,		
Primary	Government	A Ali Govt. Pri. School	Rajanagar	185	04
School					
Primary	Government	Abu and Hanifa Govt. Pri.	Sarafbhata	182	04
School		School			_
Primary	Government	Parua Govt. Pri. School	Pomra	132	04
School				477	
Primary School	Government	Pomra Govt. Pri. School	Pomra	177	04
Primary	Government	Rajanagar Govt. Pri. School	Rajanagar	210	04
School	Government		Najanagai	210	04
Primary	Government	Shah Baga Govt. Pri.	Pomra	203	04
School		School			
Primary	Government	Kurshila Govt. Pri. School	Podua	180	04
School					
Primary	Government	Tripura Sundary Govt. Pri.	Chandraghon	172	04
School		School	а		
Primary	Government	Shamlani Govt. Pri. School	Podua	150	04
School					
Primary	Government	Tripura Sundary Govt. Pri.	kodala	182	04
School		School	1	202	0.4
Primary	Government	Darik para Govt. Pri. School	kodala	203	04
School Primany	Government	Sandin Cout Dri School	kodala	245	04
Primary School	Government	Sandip Govt. Pri. School	KUUdid	243	04
Primary	Government	Dharmo Govt. Pri. School	Islampur	210	04
School	Coremient				<b>.</b>
Primary	Government	Islampur Govt. Pri. School	Islampur	311	04
School					
Primary	Government	Kokania Govt. Pri. School	Parua	156	04

Educational Govt./non- Institution govt./Resi		Name of the institution education	Position/War d	No. of student	Teacher / Teacher
School					reacher
Primary	Government	Alia Moriumnagar Govt.	Moriumnagar	152	04
School		Pri. School			-
Primary	Government	U: A co-organization Parua	Parua	180	04
School		Govt. Pri. School			
Primary	Government	Nirth Betagi Govt. Pri.	Betagi	203	04
School		School			
Primary	Government	East Brtagi Govt. Pri.	Rajanagar	158	04
School		School			
Primary	Government	S.K Rafiq Govt. Pri. School	Podua	271	04
School					
Primary	Government	Jangor Nischantopur Govt.	Hosnabad	183	04
School		Pri. School			
Primary	Government	Mirza Emdad Govt. Pri.	Hosnabad	173	04
School		School			
Primary	Government	Syed Bari Govt. Pri. School	Rangunia	182	04
School					
Primary	Government	Khalilur Rahman Govt. Pri.	Sarafbhat	172	04
School		School			
Primary	Government	Maizpara Govt. Pri. School	Pomra	133	04
School					
Primary	Government	Sayderkhil Govt. Pri.	Hosnabad	200	04
School		School			
Primary	Government	Shegumpara Govt. Pri.	Hosnabad	208	04
School		School			_
Primary	Government	Kanurkhil Govt. Pri. School	Hosnabad	175	04
School					
Primary	Government	Brakhortar Govt. Pri.	Shanirbhor	186	04
School	Coursement	School	Rangunia	470	04
Primary	Government	Farasbad Govt. Pri. School	Moriumnagar	172	04
School Primary	Covernment	East Sahabi Govt. Pri.	Parua	151	04
School	Government	School	raiua	151	04
Primary	Government	Chipchari Govt. Pri. School	Hosnabad	150	04
School	Government		TIUSTIADAU	130	04
Primary	Government	Dharmando Govt. Pri.	Pomra	172	04
School	Government	School		1/2	04
Primary	Government	Chenkhil Govt. Pri. School	Betagi	155	04
School			Detag	133	
Primary	Government	Asrayon Govt. Pri. School	Sarafbhat	154	04
School	Sovernment		Jaranbriat	104	

Educational Institution	Govt./non- govt./Resi	Name of the institution education	Position/War d	No. of student	Teacher / Teacher
Primary School	Government	Shipahi Govt. Pri. School	Sarafbhata	226	04
Primary School	Government	Cha Bagan Govt. Pri. School	kodala	117	04
Primary School	Government	Shayed Ali Govt. Pri. School	Parua	145	04
Primary School	non- governmental	Annarkilla Govt. Pri. School	Shanirbhor Rangunia	187	04
Primary School	Government	Hakimpur Govt. Pri. School	Shanirbhor Rangunia	227	04
Primary School	Government	Kalagi Govt. Pri. School	Shilok	223	04
Secondary School	non- governmental	North Podua multiple High School	Podua	4529	15
Secondary School	non- governmental	Khursia High School	Padua	585	14
Secondary School	non- governmental	Sonargaon High School	Rangunia	322	10
Secondary School	non- governmental	Hamid Sharif Girls' High School	Shilok	341	11
Secondary School	non- governmental	R.A.B.M High School	Rajanagar	702	13
Secondary School	non- governmental	North Parua High School	Parua	247	12
Secondary School	non- governmental	Shahabdinagar High School	Parua	554	14
Secondary School	non- governmental	Islampur High School	Islampur	327	12
Secondary School	non- governmental	Sarafbhata	Sarafbhata	318	13
Secondary School	non- governmental	Harihar High School	t Podua	247	11
Secondary School	non- governmental	Muzamdarkhil High School	Rangunia	757	14
Secondary School	non- governmental	Shilok M. Shah Alam Chou. High School	Shilok	287	13
Secondary School	non- governmental	Rangunia high school	Lalanagar	726	17

Educational	Govt./non-	Name of the institution	Position/War	No. of	Teacher
Institution	govt./Resi	education	d	student	/
					Teacher
Secondary	non-	Pomra High School	Pomra	1214	21
School	governmental				
Secondary	non-	Rangunia ideal multiple	Rangunia	1295	16
School	governmental	High School			
Secondary	non-	Shukhbilash High School	Padua	765	13
School	governmental				
Secondary	non-	kawkhali upazila Anwara	Islampur	294	11
School	governmental	High School			
Secondary	non-	Rajabhuban High School	Rajanagar	516	12
School	governmental	al			
Secondary	non-	Belmaikkhal Zakir Hossain	Rangunia	311	10
School	governmental	High School			
Secondary	non-	Moriumnagar Girls' High	Moriumnagar	153	07
School	governmental	School			
Secondary	non-	Chandraghona Multiple	Chandraghon	1050	14
School	governmental	high	а		
Secondary	non-	Ghatcheck High School	Rangunia	760	12
School	governmental				
Secondary	non-	Rotari Betagi High School	Betagi	261	07
School	governmental				
Secondary	non-	Sarafbhata Union High	Sarafbhata	1414	15
School	governmental	School			
Secondary	non-	kodala High School	kodala	512	11
School	governmental				
Secondary	non-	Shahid Zianagar High	Pomra	327	10
School	governmental	School			
Secondary	non-	Khilmor Rashid High School	Rangunia	875	14
School	governmental				
Secondary	non-	Rangunia multiple High	Rangunia	276	09
School	governmental	School			
Secondary	non-	Hosnabad High School	Hosnabad	203	08
School	governmental				
Secondary	non-	Moriumnagar High School	Moriumnagar	667	12
School	governmental				
Secondary	non-	Indokumari High School	Rangunia	218	08
School	governmental				
Secondary	non-	Bagabili High School	Rajanagar	268	11
School	governmental				
Secondary	non-	Abul Bashar High School	Rangunia	286	12
School	governmental				
Secondary	non-	Sarafbhata Ideal High	Sarafbhata	256	09

Educational	Govt./non-	Name of the institution	Position/War	No. of	Teacher
Institution	govt./Resi	education	d	student	/
					Teacher
School	governmental	School			
Secondary	non-	Podua society Girls' High	Podua	187	07
School	governmental	School			
Secondary	non-	Pomra High School	Pomra	638	13
School	governmental				
Secondary	non-	North Pomra High School	Pomra	387	10
School	governmental				
Secondary	non-	Rafikabad Girls' High	Rangunia	219	08
School	governmental	School		0.07	
Secondary	non-	Shilok Alam Chou: High	Shilok	267	09
School	governmental	School			
Secondary	Besides Non-	S.T.I junior high school	kodala	165	07
School	government MPO				
Secondary	Besides, non-	Rangunia school and	Rangunia	175	08
School	Govt.MPO	college			
Secondary	Besides, non-	San per Kg High Schol	Rangunia	90	04
School	MPO				
College	non-	Rangunia college	Rangunia	1150	18
	governmental				
College	non-	Degree College, Podua	Podua	680	13
	governmental				
College	non-	Shah Alam Chowdhury	Rangunia	620	13
	governmental	College			
College	non-	Shilok college	Shilok	440	11
	governmental				
College	non-	Selina Chowdhury College	Rangunia	510	12
	governmental				
College	non-	Women Rangunia icollege	Rangunia	590	12
<b>A</b> "	governmental			470	
College	non-	Hasina Jamal degree	Rangunia	470	11
0.11	governmental	College		200	10
College	non-	North Rangunia in College	Rangunia	390	10
<b>0</b> "	governmental				10
College	non-	Ranir Hat Degree College	Rajanagar	430	12
N 4l	governmental		Deser 1	227	00
Madrasa	non-	Alam Shah in the Madrasa	Rangunia	237	09
	governmental			222	
Madrasa	non- governmental	Ranirhat British Madrasa	Rajanagar	322	11
Madrasa	non-	Chandraghona Madrasa	Chandraghoa	287	10

Educational Institution	Govt./non- govt./Resi	Name of the institution education	Position/War d	No. of student	Teacher / Teacher
	governmental		n		
Madrasa	non- governmental	Jameya kasemia Madrasa	Rangunia	216	09
Madrasa	non- governmental	Nurul Ullum Madrsa	Rangunia	191	08
Madrasa	non- governmental	Moriumnagar Madrsasa	Moriumnagar	157	07
Madrasa	non- governmental	North at Podua Madrsasa	Podua	164	08
Madrasa	non- governmental	Betagi Rahmania Madrasa	Betagi	187	11
Madrasa	non- governmental	Gilani Madrsasa	Rangunia	134	09
Madrasa	non- governmental	Nuria Chattania Madrasa	Rangunia	191	12
Madrasa	non- governmental	Sonargoan Madras a	Rangunia	218	13
Madrasa	non- governmental	Khadija the Madrasa	Rangunia	261	12
Madrasa	non- governmental	Ahmadia Madrasa	Rangunia	135	10
Madrasa	non- governmental	Shilok Minagi Madrasa	Shilok	147	11

There are 436 mosques in 15 unions of Rangunia Upazila. There vare also 45 Eidgah, 59 temples. It may be mentioned here that people offer their Eid prayer at mosques as the number of Eidgah are less. Union wise information:

No.         Union         Temples/ Eidgah           Moriumna gar         Mosque         Total number of mosques in Moriumnagar union are 18, Those Mosque are in from 1 to 9 no wards.           1         Bar         Eidgah         Total no of eidgah field in this union are 8. 2 Eidgah field are in ward no 1, 2 Eidgah field are in ward no 2, 4 Eidgah field are in ward no 4, 3 Eidgah field are in ward no 5, 3 Eidgah field are in ward no 8, 2 Eidgah field are in ward no 5, Eidgah field are in ward no 5 & 1 temples are in ward no 4, 1 temple are in ward no 5 & 1 temple are in ward no 9           2         Pomra         Mosque         Total no of the temples are 3. 2 temples are in ward no 4, 1 temple are in ward no 5 & 1 temple are in ward no 9           2         Pomra         Eidgah         Total no of the temples are 1. Eidgah field are in ward no 6, & 1 Eidgah field are 1. Eidgah field are 2. 1 Eidgah field are in ward no 6, & 1 Eidgah field are 1. Eidgah field are 3. 2 Eidgah field are in ward no 6, & 1 Eidgah field are 1. Total no of the temples are 12. Those temples are in from 1 to 9 no wards.           3         Parua         Mosque         Total no of the temple are 5. 3 temples are in ward no 1, 2 Eidgah field are 1. 2 Eidgah field are in ward no 1, 2 Eidgah field are in ward no 2, 4 Eidgah field are in ward no 4.           4         Betagi         Total no of the temple are 5. 3 temples are in ward no 4, 1 Eidgah field are in ward no 5. 1 Eidgah field are in ward no 4, 1 Eidgah field are in ward no 5. 1 Eidgah field are in ward no 4, 1 Eidgah field are in ward no 5. 1 Eidgah field are in ward no 4, 1 Eidgah field are in ward no 5. 1 Eidgah field are in ward no 8, 1 Eidg	SI.	Name of	Mosque/	Locations
Moriumna garMosque MoganTotal number of mosques in Moriumnagar union are 18, Those Mosque are in from 1 to 9 no wards.1EidgahTotal no of eidgah field in this union are 8. 2 Eidgah field are in ward no 1, 2 Eidgah field are in ward no 2, 4 Eidgah field are in ward no 1, 3 Eidgah field are in ward no 2, 4 Eidgah field are in ward no 4, 3 Eidgah field are in ward no 5, 3 Eidgah field are in ward no 4, 3 Eidgah field are in ward no 5, 3 Eidgah field are in ward no 5, 4 Eidgah field are in ward no 5, 4 Eidgah field are in ward no 5, 4 Eidgah field are in ward no 92PomraMosque Mosque are in from 1 to 9 no wards.2PomraMosque Total no of the temples are 2. 1 Eidgah field are in ward no 9 Total no of the temples are 12. Those temples are in from 1 to 9 no wards.3ParuaMosque Total no of the temples are 12. Those temples are in from 1 to 9 no wards.3Mosque Total no of eidgah field are 3. 2 Eidgah field are in ward no 1, 2 Eidgah Mosque are in from 1 to 9 no wards.3FeidgahTotal no of the temples are 12. Those temples are in from 1 to 9 no wards.3Mosque Total no of the temple are 3. 2 Eidgah field are in ward no 1, 2 Eidgah field are in ward no 2, 4 Eidgah field are in ward no 1, 2 Eidgah field are in ward no 2, 4 Eidgah field are in ward no 4.4BetagiMosque Total no of the temple are 5. 3 temples are in ward no 4, 2 temples are in from 1 to 9 no wards.4BetagiTotal no of the temple are 16. 32 temples are in ward no 1, 3 temple are in from 1 to 9 no wards.4BetagiTotal no of the temple are 16. 32 temples are in ward no 1, 3 temple is in ward no	No.	Union		
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no 8.	5	5 Podua	Eidgah	
Temple Total no of the temples are 9.2 temple are in ward no 1, 2			Temple	Total no of the temples are 9. 2 temple are in ward no 1, 2

SI. No.	Name of Union	Mosque/ Temples/ Eidgah	Locations
			temple are in ward no 4. 1 temple are in ward no 5, temple are in ward no 6. 2 temple are in ward no 7, 1temple are in ward no 8.
		Mosque	Total number of mosques in Islampur union are 36, Those Mosques are in from 1 to 9 no wards.
6	Islampur	Eidgah	Total no of eidgah field are 6. 1 Eidgah field are in ward no 3, 2 Eidgah field are in ward no 5. 1 Eidgah field are in ward no 6, 1 Eidgah field are in ward no 8, 1 Eidgah field are in ward no 9,
		Temple	Total no of the temple are 4. 1 temple are in ward no 3, 1 temple are in ward no 4, 1 temple are in ward no 6, 1 temple are in ward no 9.
		Mosque	Total number of mosques in Chandraghona union are 44, Those Mosques are in from 1 to 9 no wards.
7	Chandrag hona	Eidgah	Total no of eidgah field are 4. 1 Eidgah field are in ward no 2, 1 Eidgah field are in ward no 5. 1 Eidgah field are in ward no 7, 1 Eidgah field are in ward no 8
		Temple	Total no of the temple are 16.
		Mosque	Total number of mosques in Kodala union are 39, Those Mosque are in from 1 to 9 no wards.
8	kodala	Eidgah	Total no of eidgah field are 3. 1 Eidgah field are in ward no 1, 1 Eidgah field is in ward no 5, 1 Eidgah field is in ward no 7.
		Temple	Total no of the temple are in 11. 1 temple is in ward no 1, 6 temple is in ward no 2. , 2 temple is in ward no 6. 1 temple is in ward no 7, 1 temple is in ward no 8.
		Mosque	Total number of mosques in Shanirbhar Rangunia union are 43, Those Mosque are in from 1 to 9 no wards.
9	Shanirbha r	Eidgah	Total no of eidgah field are 3. 1 Eidgah field are in ward no 2, 1 Eidgah field is in ward no 5., 1 Eidgah field is in ward no 8.
	Rangunia	Temple	Total no of the temple are 4. 1 temples are in ward no 3, 1 temple is in ward no 4, , 1 temple is in ward no 6, 1 temple is in ward no 9,
		Mosque	Total number of mosques in Lalanagar union are 28, Those Mosques are in from 1 to 9 no wards.
		Eidgah	Total no of eidgah field 4. 1 Eidgah field are in ward no 2, 1 Eidgah field are in ward no 4, 1 Eidgah field are in
10	Lalanagar	Temple	ward no 6, 1 Eidgah field are in ward no 9. Total no of the temple are 4. 1 temple is in ward no 4, 1 temple are in ward no 5, 1 temple is in ward no 2, 1 temple
L			temple are in ward no 5, 1 temple is in ward no 3, 1 temple

SI. No.	Name of Union	Mosque/ Temples/ Eidgah	Locations
			is in ward no 5.
		Mosque	Total number of mosques in Rajanagar union are 32, Those Mosque are in from 1 to 9 no wards.
11	Pajapagar	Eidgah	Total no of eidgah field are 4. 2 Eidgah field are in ward no 1, 2 Eidgah field are in ward no 2.
11	Rajanagar	Temple	Total no of the temple are 8. Those temples are in different wards.
		Mosque	Total number of mosques in South Rajanagar union are 33, Those Mosque are in from 1 to 9 no wards.
12	South	Eidgah	Total no of eidgah field 2. 1 Eidgah field are in ward no 1, . 1 Eidgah field are in ward no 7.
	Rajanagar	Temple	Total no of temples are 1. 1 temple are in ward no 8.
		Mosque	Total number of mosques in Shilok union are 27, Those Mosque are in from 1 to 9 no wards.
		Eidgah	Total is no eidgah field in this union.
13	Shilok	Temple	Total no of the temple are in 5. 1 temple are in ward no 2, 1 temple are in ward no 5, 1 temple are in ward no 7, 1 temple are in ward no 8.
		Mosque	Total number of mosques in Sarafbhata union are 28, Those Mosque are in from 1 to 9 no wards.
14	Sarafbhat	Eidgah	Total no of eidgah field 2. 1 Eidgah field are in ward no 4, 1 Eidgah field is in ward no 5.
14	а	Temple	Total no of the temple are in 7. 1 temple are in ward no 2, 1 temple is in ward no 4. 1 temple are in ward no 5, 2 temples are in ward no 7. 2 temples are in ward no 8.
		Mosque	Total number of mosques in Hosnabad union are 33, Those Mosque are in from 1 to 9 no wards.
		Eidgah	Total no of eidgah field 2. 1 Eidgah field are in ward no 4, . 1 Eidgah field are in ward no 7.
15	Hosnabad	Temple	Total no of the temple are in 5. 1 temple is in ward no 2, 3 temples are in ward no 3. 1 temple is in ward no 5.

## (Ca) Health Service:

There are 43 health and family welfare centers at 15 unions of Rangunia Upazila. Among them 1 is Upazila Health Complex, Union level health and family welfare centers are 10, and union satelite clinics are 32. There are total 74 doctors serving in these centers. It may be mentioned here that there are other staff other than doctors in those health centers. But number of doctors and staff are not sufficient in those health centers particularly Satellite and community health clinics. So the quality of health services is not up to the mark. To take special care for aged and pregnant women during disaster is very crucial during disasters but this hamper due to lack of sufficient doctors and nurses. So sufficient doctors, nurses and medicines should be make available.

Health Centers	Locations	Number of Doctors in each center	Number of Nurses in Each center	Quality of Services
Health and family welfare center	Upazila	32.	22	Good
health and family welfare center	Sarafbhata	1	There is no	Good
health and family welfare center	South Rajanagar	1	There is no	Good
health and family welfare center	Moriumnagar	1	There is no	Good
health and family welfare center	Hosnabad	1	There is no	Good
health and family welfare center	Chandraghon a	1	There is no	Good
health and family welfare center	Podua	1	There is no	Good
health and family welfare center	Shanirbhor Rangunia	1	There is no	Good
health and family welfare center	Betagi	1	There is no	Good
health and family welfare center	Shilok	1	There is no	Good
health and family welfare center	Pomra	1	There is no	Good
satellite clinic	All Union	32	There is no	More or less

(Cha) Bank & Post Office:

Total number of Banks in Rangunia upazila are 12. Banks have been providing loans, SME loans and other banking transaction. Union wise detail information of Banks is provided below-

Sl no.	Union	Name of Bank
1	Moriumnagar	Bangladesh Jrishi Bank, UCBLBank Ltd.
2	Lalanagar	Bangladesh Krishi Bank
3	Rajanagar	Pubali Bank, Fast security Islamic Bank. One Bank Ltd.
4	Shawnirbhor	1) Agrani Bank
	Rangunia	
5	Chandraghona	Rupali Bank, One Bank Ltd. City Bank Ltd.First security Islamic
		Bank, Grameen Bank Ltd.

#### **Union wise Post office:**

There are 16 post offices in 15 unions of Rangunia Upazila. Many kinds of services are provided including money transactions. Union wise detail of post offices is exhibited below-

SI No	Union	Name of Post Office
1	Moriumnagar	Moriumnagar post office
2	Pomra	J.N.T post office
3	Parua	Parua Post Office,
4	Betagi	Betagi post office
5	Lalanagar	Alam Shah para Madrasa post office
6	Sarafbhata	Sarafbhata post office
7	Rajanagar	Thandachari Post Office,
8	South Rajanagar	Rajarhat post office and Dhamir post office
9	Shnirbhor	Shantir hat post office
	Rangunia	
10	kodala	kodala tea garden post office & East kodala post office
11	Chandraghona	Khondkar post office
12	Hosnabad	Mogholer post office
13	Shilok	Shilok post office
14	Podua	Podua post office

(Ja) Clubs & Cultural centers:

There are 71 clubs in 15 unions of Rangunia Upazila. Activities of some clubs have close. All these clubs support in many social development activities. Union wise information of those clubs are provided below-

ক্র. no.	Name Union	Name Club and cultural center	And social services help carry out developmental work
1	Moriumnagar	Amir tide youth United Nations Club	
		Youth United Nations East	-
		Youth United Nations	
		Sheikh Russell Memorial United	
		Nations	
		Azad Club	-
		Jagoran Club	
		Anjuman Soyad Club	
2	Pomra	Palash progressive United Nations	
2	POIIIIa	Emman Club	
		Boiling flowers United Nations rally	
		Bachababa Club	
		Brother brother Sanghad	
		Sheikh Russell Memorial Parliament	
2	Doruo	Shahid Zia Memorial United Nations	
3	Parua	Nabagagoran United Nations	
		Bangabandhu Memorial	They support in
		Agrani United Nations	organizing various social
4	Betagi	Janata United Nations	cultural events and help in the different
		Betagi Renasa Club	
		East Betagi Club	welfare activities
		Wahid Akbar memorial club	
-	Lalanagar	Akbar Sikdar in the north Council	
5		Alam ShahClub	
		The Islamia from United Nations	
	Sarafbhata	Brother brother United Nations	
		United Nations rally	
		The United Nations	
6		United Nations report	
		Bangabandhu Memorial United	
		Nations	
		The Academy	
		Sheikh Russell Memorial United	
		Nations	
		Anirban United Nations	
		Community Welfare Council	

ক্র. no.	Name Union	Name Club and cultural center	And social services help carry out developmental work
7	Rajanagar	Rajanagar Memory Club	
		Alorani Club C.	
		United Nations rally	
8	South Rajanagar .	South Rajanagar youth United Nations	
		Bangabandhu Memorial United	
		Nations	
9	Shanirbhor	Student Club	
	Rangunia	Bangabandhu Parishad	
10	kodala	Udayan Club	
10	KUUdid	Uttaran Club	
11	Islampur	There is no Club	
12	Chandraghona	Banagram Club	
	Hosnabad	Sheikh Rasel Club	
		Gold star Club	
13		Nazrul in the Youth Development	
		United Nations	
		Udayan youth organization	
		Young star Club	
		Bangabandhu Parishad	
		United Nations rally	
14	Shilok	Community Welfare Council	
		Sheikh Russell Memorial United	
		Nations	
15	Podua	Uttaran United Nations	
		Udayan Club	

## (GHA) NGO/ Voluntary organizations:

Sl. No.	Name of NGO	Activities	No of beneficiaries	Duration of project
1	BRACK	Sanitation, Education, Health and Micro-Credit	2250	Long Term /ongoing
2	Karitas	Micro-Credit, Raise Awareness, and development of the women,	1280	Long Term /ongoing
3	Steps	Micro-Credit	1070	Long Term /ongoing
4	Ahasania Mission Dhaka	Disaster management, child development, education, Health and Micro-Credit	1020	Long Term /ongoing
5	Proshika	Micro-Credit and Education	1050 people	Long Term /ongoing
6	Kodak	Micro-Credit & Awareness	650 people	Long Term /ongoing
7	This work	Micro-Credit and the handicapped	520	Long Term /ongoing
8	Epsa	Women and Child development, education, health and Micro-Credit	1180 people	Long Term /ongoing
9	Норе	Micro-Credit	1220	Long Term /ongoing
10	Pravati	Micro-Credit	580	Long Term /ongoing
11	CDS	Micro-Credit	680	Long Term /ongoing
12	Ghasful	Micro-Credit, health services, education, awareness	900	Long Term /ongoing
13	IDF	Micro-Credit, health hygiene	750	Long Term /ongoing
14	Surjer Hasi Clinic	Health Service	1200	Long Term /ongoing
15	ТМЅЅ	Micro-Credit, education, awareness	1050	Long Term /ongoing
16	Gharoni	Disaster Management (ডিএমপ্ল্যান)	-	Long Term /ongoing
17	Dishari	Health awareness, small loans	450	Long Term /ongoing
18	Bangladesh Bureau	Micro-Credit	590	Long Term /ongoing
19	Energy foundation	Micro-Credit	610	Long Term /ongoing
20	Bridge Kakrail	Micro-Credit	480	Long Term /ongoing
21	On his release.	Micro-Credit	520	Long Term /ongoing
22	PSTC	small loans, raise awareness, and skill training	700	Long Term /ongoing
23	Uddipon	Micro-Credit, awareness	570	Long Term /ongoing
24	Prantik	Micro-Credit	480	Long Term /ongoing
25	Pratishi	Micro-Credit	630	Long Term /ongoing
26	Grameen Bank	Micro-Credit	1120	Long Term /ongoing

## (Umo) Playground:

There are 41 playgrounds for leisure and sports at Rangunia Upazila. Union wise detail is provided below-

Sl. no	Name of unions	Locals of playgrounds	Use in disasters
1	Betagi	Abul Bashar Chowdhury High School playing field,	
2	Sarafbhata	Sarafbhata High School playing field, West Sarafbhata High School playing field, East Sarafbhata ideal High School playing field.	Human & livestock can
3	Shilok	Hamid Sharif Girls' High School playing field, West Shilok Badrul Alam Chou:High School playing field, south Shilok multiple High School playing field,	use during Disasters
4	Podua	Podua Degree College, Podua high school	
5	Chandraghona	Kadamtali High School, Yousufia Madrasa	
6	kodala	Kidala High School playing field k	
7	Islampur	Islampur High School playing field.	
8	South Rajanagar	Rajabhuban High School playing field, Khandalia Madrasa	
9	Lalanagar	Alam Shah para High School playing field, North Rangunia high school	
10	Rajanagar	Bagaduly High School & Ranirhat Degree College	
11	Hosnabad	Hosnabad High School playing field.	
12	Shanirbhor Rangunia	Mogholer Laki high school playing field.	
13	Moriumnagar	Mariumnagar High School playing field, Moriumnagar Girls' High School playing field.	
14	Parua	Hazari high school playing field, North Parua High School playing field.	
15	Pomra	Pomra High School playing field, and, North Pomra High School playing field.	

#### (Ta) Graveyard/ cremation ground-

There are 516 small and large graveyards at 15 unions of Rangunia Upazila. In addition, there are few homestead graveyards which are located beside homes, mosques and mazars. Detail of union wise graveyards are exhibited below-

**Moriumnagar union:** Total number of homestead graveyards are 14. Those graveyards are in from 1 to 9 no wards.

**Pomra union:** Total number of homestead graveyards are 45. Those graveyard are in from 1 to 9 no wards.

**Parua union:** Total number of homestead graveyards are 51. Those graveyard are in from 1 to 9 no wards.

**Brtagi union:** Total number of homestead graveyards are 32. Those graveyard are in from 1 to 9 no wards.

**Lalanagar union:** Total number of homestead graveyards are 29. Those graveyard are in from 1 to 9 no wards.

**South Rajanagar union:** Total number of homestead graveyards are 33. Those graveyard are in from 1 to 9 no wards.

**Islampur union:** Total number of homestead graveyards are 33. Those graveyard are in from 1 to 9 no wards.

**Chandraghona union:** Total number of homestead graveyards are 27. Those graveyard are in from 1 to 9 no wards.

**Kodala union:** Total number of homestead graveyards are 35. Those graveyard are in from 1 to 9 no wards.

**Shanirbhor Rangunia union:** Total number of homestead graveyards are 27. Those graveyard are in from 1 to 9 no wards.

**Rajanagar union:** Total number of homestead graveyards are 25. Those graveyard are in from 1 to 9 no wards.

**Sarafbhata union:** Total number of homestead graveyards are 44. Those graveyard are in from 1 to 9 no wards.

**Hosnabad union:** Total number of homestead graveyards are 38. Those graveyard are in from 1 to 9 no wards.

**Shilok union:** Total number of homestead graveyards are 35. Those graveyard are in from 1 to 9 no wards.

**Padua union:** Total number of homestead graveyards are 32. Those graveyard are in from 1 to 9 no wards.

### (Ta) Crematories:

There are 170 crematories in 15 unions of Rangunia Upazila. In addition, there are small family crematories and crematories close to temples. Union wise detail of crematories is provided in below –

- Pomra union: Total number of homestead crematories are 7. Those are in the ward no 1, 4, 7 & 9.
- Parua union: Total number of homestead crematories are 9. Those are in the ward no 1, 3, 2 & 9.
- Brtagi union: Total number of homestead crematories are 7. Those are in the ward no 4, 6 & 9
- Lalanagar union: Total number of homestead crematories are 6. Those are in the ward no 6 & 7.
- South Rajanagar union: Total number of homestead crematories are 8. Those are in the ward no 6 & 9
- Islampur union: Total number of homestead crematories are 10. Those are in the ward no 4, 5, 6 & 9.
- Shanirbhor Rangunia union: Total number of homestead crematories are 15. Those are in the ward no 1, 5, 7 & 9.
- Rajanagar union: Total number of homestead crematories are 8. Those are in the ward no 1 & 2
- Sarafbhata union: Total number of homestead crematories are 5. Those are in the ward no 1, 6 & 9
- Hosnabad union: Total number of homestead crematories are 8. Those are in the ward no 1, 5 & 7
- Shilok union: Total number of homestead crematories are 9. Those are in the ward no 1, 3 & 5
- Padua union: Total number of homestead crematories are 7. Those are in the ward no 2, 4, 5 & 9.

#### (Tha) Communication & means of transport:

There are land and river communication from Rangunia Upazila to district and vice versa. The most easist and notable mode of trainsport by road is bus, truck, lorry, cargo, rickshaw van, Train etc. Buses play in 8 unions out of total 15 unions. In addition, CNG, Van, Auto rickshaw and Vatvati in these areas.

**(Da)** Forest & Afforestation: There are 37390 acres forests at Rangunia Upazila in Chittagong District. Expansion of forest areas is seen in this Upazila. But now few forest sites are on the verse of extinction due to human induced causes and natural adversities. Apart from hilly forest, social forestation has been done on both sides of road and embankments. Trees that are found in those areas are Akash, Gadan, Moni, Sagun, Chambal, raintree, Korai, epil, epil, Guzan, gamari, neem, jam, mangooes, jackfruits, amda, Lime, guava, Pineapples, Bamboos, Rubber etc. Besides few trees are found in homesteads level.

#### 1.4.3 Weather & Climate:

**Ka) Raining trend-** Analyzing the average rainfall at Rangunia upazila, it is found that average rainfall in this upazila is almost same. During last 1995 to 2013 the average rainfall was 3,6,7 & 8 respectively. But it needed more research to ascertain that this trend is the outcome of climatic change. Due to the change of rainfall pattern, the period of rainfall is getting delayed and as a result cropping pattern is also changing. As a result, production cost is increasing and amount of production is decreasing day by day. Diseases and attack of insects are also increasing. Erratic and untimely rain is affecting crop and cultivation and livelihoods.

**Kha) Temperature:** Heat wave has been found due to indiscriminate cutting of trees and hilly locations. Now the Rangunia upazila experiences highest 39.5 degree Celsius and lowest 12.5 degree Celsius. During raining monsoon the average temperature remains 225 degree Celsius. In most cases, the temperature remains normal but it is known from local people that the temperature is rising day by day. Especially the temperature has raised during last 10-15 years that normal life of people becoming harder. The main reason of heat wave is rise of humidity in air. Cultivation has been hampering due to increase of heat. The affect will be more significant if the present tread continues. According to Public Health Engineering (PHE) survey is conducted two times in each year and the finding is that water level comes down during the month of April and May that results decrease of safe drinking water. This will be a great barrier for future development.

**Ga) Underground layer-** According to information of Public Health Engineering (DPHE) a survey is conducted in each year to assess the underground layer of water. It is found that it was 275-280 feet in 2003 for deep tube wells, 40-42 feet for shallow tube wells. In 2004 it was 270-280 feet for deep tube wells, and 30-32 feet for shallow tube wells. In 2005, it was 270-280 feet for deep tube wells, 63-66 feet for shallow tube wells. In 2006, it was 375-379 feet for deep tube wells, 35-38 feet for shallow tube wells. In 2007, it was 455-458 feet for deep tube wells and 70-72 feet for shallow tube wells. In 2008, it was 445-450 feet for deep tube wells and 70-71 feet for shallow tube wells. In 2009, it was 447-450 feet for deep tube wells and 65-68 feet for shallow tube wells. In 2010, it was 472-475 feet for deep tube wells and 70-72 feet for shallow tube wells and 63-66 feet for shallow tube wells. Underground water level gets down more in the month of May. According to community people – water has becoming scarce day by day due to downing of water level and intrusion of saline water is destroying the water balance of upper level. Locals opinions is that safe water level are getting down and it is great barrier for sustainable development.

#### 1.4.4 Others:

**(ka) Land & use of land:** Total areas of 15 unions of Rangunia Upazila are 87822 acres. Area of single crop are 47306, double crop 36571 acres, triple crops are 3945 acres and reserve forrest areas are 11902 acres and baron / fellow land are 175 acres. Union wise details are appended below-

**Moriumnagar Union**- Total areas of crop land in this union are single crop about 5200 acres, double crops areas are 4250 acres.

**Pomra Union**- Total areas of crop land in this union are single crop about 10000 acres & double crops areas are 8040 acres.

**Brtagi Union**- Total areas of crop land in this union are single crop about 8000 acres & double crops areas are 1960 acres.

**Sarafbhata Union**- Total areas of crop land in this union are single crop about 3500 acres & double crops areas are 2000 acres.

**South Rajanagar Union**- Total areas of crop land in this union are single crop about 4850 acres & double crops areas are 350 acres.

**Rajanagar Union**- Total areas of crop land in this union are single crop about 5508 acres & double crops areas are 2420 acres.

**Chandraghona Union**- Total areas of crop land in this union are single crop about 2375 acres & double crops areas are 2046 acres.

**Lalanagar Union**- Total areas of crop land in this union are single crop about 10000 acres & double crops areas are 6800 acres.

**Shanirbhor Union**- Total areas of crop land in this union are single crop about 3512 acres & double crops areas are 2010 acres.

**Islampur Union**- Total areas of crop land in this union are single crop about 7100 acres & double crops areas are 5190 acres.

**Kodala Union**- Total areas of crop land in this union are single crop about 4229 acres & double crops areas are 3050 acres.

**Shilok Union**- Total areas of crop land in this union are single crop about 3800 acres & double crops areas are 3050 acres.

**Padua Union**- Total areas of crop land in this union are single crop about 7000 acres & double crops areas are 6210 acres.

**Kha) Agriculture & Food:** The principal economic crops are rice and fish. In addition, potatoes, pulses, sugarcanes, maize's, water melons, guava, pineapples, Bangi, papaya, jam, jackfruits are considered as economic crops in this areas. It may be mentioned here that huge vegetables are produced in hilly terrain and plain land. Cauliflower, Cabbage, Kakrol, Barbati, Sweet gourd, bringle, Panni kumra, ladies finger, Mullah, Chili, carrot, tomatoes, Cucumber, Puishak, Lalshak and kachushak etc are abundantly produced in this Upazila. Principal foods of this Upazila are rice, fish, pulse; bread and main food habit are 1 time in the early, 1 time in the noon, and 1 time in the night. Union wise crop production are appended below-

**Rajanagar Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in **Rajanagar** union are 8250 M. Ton.

**Hosnabad Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in **Hosnabad** union are 2501 M. Ton.

**Shanirbhor Rangunia Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in **Shanirbhor Rangunia** union are 3500 M. Ton.

**Moriumnagar Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Moriumnagar union are 8926 M. Ton.

**Parua Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Parua union are 7755 M. Ton.

**Pomra Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Pomra union are 5775 M. Ton.

**Brtagi Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Brtagi union are 2351 M. Ton.

**Sarafbhata Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Sarafbhata union are 13200 M. Ton.

**Shilok Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in **Shilok** union are 7837 M. Ton.

**Padua Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Padua union are 7342 M. Ton.

**Chandraghona Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Chandraghona union are 5775 M. Ton.

**Kodala Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Kodala union are 2360 M. Ton.

**Islampur Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Islampur union are 12350 M. Ton.

**Lalanagar Union:** Total annual production of hilly vegetables and fruits including rice, fish, potatoes, guava, pineapples, papaya, and mangoes in Lalanagar union are 5700 M. Ton.

#### Kha) 3 Information of damages-

Union wise description of disaster induced damage are provided below-

**Rajanagar Union:** About 1030 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**Hpsnabad Union:** About 5500 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**Moriumnagar Union:** About 5432 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**Parua Union:** About 4700 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**Pomra Union:** About 3500 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**Betagi Madarsha Union:** About 8000 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**Sarafbhata Union:** About 1425 acres land are damaged by different disasters including flood, exesive rain, Tornedos, River Erosion, Land Slide etc.

**Shilok Union:** About 4750 acres land are damaged by different disasters including flood, exesive rain, Tornedos, River Erosion, Land Slide etc.

**Chandraghona Union:** About 4550 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**Kodala Union:** About 5000 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**Islampur Union:** About 3500 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc.

**South Rajanagar Union:** About 8000 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc

**Lalanagar Union:** About 1425 acres land are damaged by different disasters including flood, execive rain, Tornedos, River Erosion, Land Slide etc

**(Ga) Rivers:** Karnafully river has crossed Rangunia Upazila. Its length are 26 KM. Benefit is that fish are abundant in these rivers and many people live on this including fishermen. During dry monsoon, when water becomes scarce, people cultivate their land by using this river water. The fertility of land increases with the siltation of new soil or fertile soil and it increases crop production. Apart from these, people of this Upazila get benefit in many other ways.

- Moriumnagar Union: Kanafully River has crossed 2, 3, 4, 5, 6 & 7 no wards.
- Lalanagar Union: Esamati River has crossed 1, 2, 3 & 7 no wards.
- Parua Union: Esamoti River has crossed 2, 3, 5 & 8 no wards.
- Brtagi Union: Karnafully River has crossed 3, 6, 8 & 9 no wards.
- Sarafbhata Union: Karnafully River has crossed 5, 6 & 9 no wards.
- Hosnabad Union: Esamoti River has crossed 6, 7, 8 & 9 no wards.
- Kodala Union: Karnafully River has crossed 2, 3, 5 & 8 no wards.
- Chandraghona Union: Karnafully River has crossed 3, 6, 8 & 9 no wards.
- South Rajanagar Union: Karnafully River has crossed 5, 6 & 9 no wards

**Gha) Ponds:** Total number of big size ponds at 15 unions of Rangunia upazial are 3647. Apart from this, there are small ponds owned by families. Generally fish are cultivated in these ponds, people take bath, and people wash cloths and bath animals.

In some cases, vegetables cultivation is done using ponds water. Union wise data of ponds are appended below-

- Total ponds at Moriumnagar union are 224. Those ponds are in from 1 to 9 no wards.
- Total ponds at Sarafbhata union are 226. Those ponds are in from 1 to 9 no wards.
- Total ponds at Padua union are 211. Those ponds are in from 1 to 9 no wards.
- Total ponds at Shilok union are 204. Those ponds are in from 1 to 9 no wards.
- Total ponds at Pomra union are 225. Those ponds are in from 1 to 9 no wards.
- Total ponds at Parua union are 210. Those ponds are in from 1 to 9 no wards.
- Total ponds at Brtagi union are 1732. Those ponds are in from 1 to 9 no wards.
- Total ponds at Islampur union are 270. Those ponds are in from 1 to 9 no wards.
- Total ponds at Sahnirbhor Ranguna union are 251. Those ponds are in from 1 to 9 no wards.
- Total ponds at Lalanagar union are 265. Those ponds are in from 1 to 9 no wards.
- Total ponds at Rajanagar union are 263. Those ponds are in from 1 to 9 no wards.
- Total ponds at Chandraghona union are 262. Those ponds are in from 1 to 9 no wards.
- Total ponds at Hosnabad union are 279. Those ponds are in from 1 to 9 no wards.
- Total ponds at Kodala union are 277. Those ponds are in from 1 to 9 no wards.

**Uma) Khal/Cannels:** There are 47 canals / Khals in the 15 unions of Rangunia Upazila. Union wise information is provided below- Moriumnagar Union: There are 3 Khal. One Oyasis Khal, Two Krishna Khal & Khandakia Khal are in the ward no 1, 2

- Pomra Union: There are 2 Khal. One Shah Madari Khal & Two Katakhali Khal are in the ward no 6 & 9
- Mekhol Union: There are 3 Khal. One Chankhali Khal, Two Mehar Khal & Oyabdar Khal are in the ward no 1 & 3.
- Parua Union: There are 10 Khal. One Gosthakhali Khal ward no 1 & 2, Two Seran Khal in the

ward no 1 & Baoumazhi Khal are in the ward no 4, 5, Shikdar khal ward no 5, Mora Boalia Khal 6.

- Betagi Union: There are 2 Khal. One Oyasis Khal, Two Krishna Khal & Khandakia Khal are in the ward no 1, 2 &
- Chandraghona Union: There are 1 khal in the ward no 2, 3 & 5
- Lalanagar Union: There are 5 Khal are in the ward no 1, 2, 3, 8 & 9.
- Sarafbhata Union: There are 3 Khal. One Oyasis Khal, Two Krishna Khal & Khandakia Khal are in the ward no 1, 2
- Islampur Union: There are 2 Khal. One Shah Madari Khal & Two Katakhali Khal are in the ward no 6 & 9
- South Rajanagar Union: There are 3 Khal. One Chankhali Khal, Two Mehar Khal & Oyabdar Khal are in the ward no 1 & 3.
- Rajanagar Union: There are 10 Khal. One Gosthakhali Khal ward no 1 & 2, Two Seran Khal ward no 1 & Baoumazhi Khal are in the ward no 4, 5, Shikdar khal ward no 5, Mora Boalia Khal 6.
- Kodala Union: There are 2 Khal. One Oyasis Khal, Two Krishna Khal & Khandakia Khal are in the

ward no 1, 2 &

• Shilok Union: There are 1 canal in the ward no 2, 3 & 5.

#### Uma).1 Stream/ Chara:

Streams are created by recending water from hills during rainy season. There are 11 stream / Chara in the 15 unions of Rangunia Upazila. Union wise information is provided below-

- Pomra Union: There are 2 Chara in this union at ward no 4, 6, 8 & 9.
- Lalanagar Union: There are 3 Chara in this union at ward no 1, 2, 4 & 7.
- Sarafbhata Union: There are 3 Chara in this union at ward no 1 & 7.
- Shilok union: There are 2 stream in this union.
- Padua union: There are 1 strean in this union.

## 2<sup>nd</sup> Chapter: Disasters, Hazard and vulnerability

#### 2.1 History of Disaster:

Rangunia Upazila is most vulnerable upazila among all upazilas of Chittagong district. Every year this upazila experiences one disaster or other. Each year huge resources are damaged and normal human lives are shattered due to different disasters like hilly flood, flood, river erosion, tornadoes, cyclone, drought and water loggings. Strong cyclone, tornado, tidal surge etc flowed during 1991 and 2007. All unions were affected by these disasters including Pourashava. 15 unions were damaged extensively. The speed of wind was 220-243 KM / hour. Many people died and it caused huge damaged on agriculture, fisheries, livestock, sanitation and infrastructures. Many government, non-government and foreign development organizations came forward to help the distress people. Apart from this, they provided support on recovery, rescue, primary treatment and distribution of medicines, distribution of dry foods, rehabilitation and other support.

Name of Disasters	Year	Extent of Damage	Affected sectors
Flood	Each year	Huge	Crop, Human resources, Livestock, Fishery and infrasctures
Hilly Flood	Each year	Huge	Crop, Houses, Fishery, Livestock, roads, human resources
Tornado	Each year	Huge	Crop, Houses, trees etc,
River erosion	Everyday	Huge	Crop, Houses, Fishery, Livestock, roads, human resources etc.
Drought	Everyday	Huge	Agriculture, Fishery, Lack od mineral driking water and Health
Water Logging	Each year	Huge	Agriculture, Fisheries, environmental pollution, Infrstructure, trees & Sampling
Arsenic	Each year	Huge	Damage to human body and there is a lack of drinking water

#### Time of disasters and affected sectors

#### 2.2 Different hazards its present and future

SI No.	Name of disasters	SI. No	Priorities
1	Flood	1	Hilly flood
2	River Erosion	2	Flood
3	Tornado	3	Water Loggings
4	Drought	4	Tornado
5	Hilly flood	5	River Erosion
6	Water Loggings	6	Snow Rain
7	Snow Rain		

#### 2.3 Different hazards, it's present & future -

- 1. Onrush of hilly water -There are hills in some unions though the upazila are not known as Hilly upazila. Homes are destroyed due to onrush of hilly water, crop land are damaged, trees are affected, roads becomes temporarily snaped. It may be mentioned here that people living in hills are killed by excessive rain due to lack of awareness. So there is risk that people may die in greater number if they are not removed from hills and appropriate rehabilitation work is not undertaken during execessive raining.
- 2. Flood: Flood has been occurring in each and every year in Rangunia upazila. Crop land of about 14700 acres are inundated, and fishes of about 420 ponds are swept away, about 130 KM Kacha roads are damaged and houses of 5020 families are damaged by inundation and about 390 tubewells are affected. It may be mentioned here that intensity of flood is increasing due to losing of navigability of halda river and lack of low height of upazila protection embankment. The extent of damage will increase substantially if this trend continues.
- **3. Water Logging :** Water logging occurs as the upazila is closed to karnafully and Isamati rivers and as hilly water onrush occurs in this upazila during rainy season. Many diseases are spreaded due to water logging and about 1250 acres crop land are affected. So it is much important to take necessary actions to get over this situation in future.
- **4. Tornedo:** Tornedo hits this upazila every year as the upazila is closed to karnafully and Isamati rivers and impact of climatic change. About 11050 acres crop are partly damaged, 2100 Kacha homes are damaged, trees are broken or uprooted and damage to infrastrutures are occured. The extent of damage can be much more if tornedo resilient homes are not made and plan is not undertaken to prevent it.

- **5. River erosion:** River erosion is seen in few unions as mighty Karnafully and Isamati flows through this upazila. About 2000-2500 acres crop land are affected by river erosion. Besides, 300 homes are damaged, and few fish firms are affected. It may be mentioned here that future risks can be minimized if banks of Halda river are covered with concrete blocks.
- **6. Snow rain:** Snow rain is occurs in Rangunia upazila in every year. This hazard more or less affect almost all unions. As a result, 200-250 acres crops are affected. The risks can be minimized if cutivation of disaster resilient crop is done in future.

#### 2.4 Vulnerability and Capacity:

(Ka) Vulnerability means socio, economic and environmental condition that indicates disasters and people do not have capacity to face them.

(Kha) Capacity means natural, social and environmental induced condition or process by which people or organizations face adverse situation and reduces the havoc of disasters.

	Hazards		Vulnerability	Capacity
	Hilly water rush	on	<ul> <li>Construction of homes at hilly slops and hill sides</li> <li>Poor awareness on this disaster</li> <li>Non-construction of strong houses</li> </ul>	<ul> <li>Construction of homes away from hills</li> <li>Construct homes that can be disaster resilient</li> <li>Make community people aware about the danger of hilly watter rush.</li> </ul>
2. F	Flood		<ul> <li>Narrowing of rivers &amp; Khall/ streams due to siltation</li> <li>Less and weak embankments</li> <li>No plantation on both sides of embankment</li> <li>No construction of disaster resilient houses</li> </ul>	<ul> <li>Dredging to increase flow of water</li> <li>Plantation on both sides of embankment</li> <li>Construct embankment newly or strengthen old embankment through complete repair.</li> <li>Construction of disaster resilient houses.</li> </ul>
3. V	Water Logging		<ul> <li>Heavy rain and as a result have created</li> </ul>	The discharge of water

Vulnerability and Capacity are shown by points below-

Hazards	Vulnerability	Capacity
	<ul> <li>water-logging</li> <li>Canal and wish filled up due heavy rain fall</li> <li>As a result water-logging to create various diseases.</li> </ul>	<ul> <li>canal digging and wish to take the initiative.</li> </ul>
4. Tornado	<ul> <li>Non-construction of disaster resilient houses</li> <li>Non cultivation of cyclone resilient crop varieties.</li> <li>Excessive cutting of trees</li> <li>Non- availability of trees and bushes around houses</li> <li>Poor construction of Kacha latrines</li> <li>Poor construction of Cattle homes</li> <li>Less shelter centers in contrast to needs.</li> </ul>	<ul> <li>Construct disaster resilient houses.</li> <li>Cultivation of disaster resilient crop varieties.</li> <li>Plant more trees</li> <li>Plant more trees in and around homes</li> <li>Construct disaster resilient kacha latrines</li> <li>Construct disaster resilient cattle houses.</li> <li>Construct more Disaster/ cyclone shelter centers</li> </ul>
5. River erosion	<ul> <li>People lost all resources by river erosion</li> <li>Weak embankment</li> <li>No afforestation on river side.</li> <li>Broken embankment</li> </ul>	<ul> <li>Construct houses away from rivers</li> <li>There are scopes for planting more trees around embankment that can strengthen soil.</li> <li>Plant trees in both sides of roads</li> </ul>
6. Snow rain	• Almost all unions of rangunia upazila are partly or entirely affected by snow rain.	<ul> <li>Non- construction of disaster resilient homes.</li> <li>Non -cultivation of Disaster Resilient crops.</li> <li>Exessive cutting of trees.</li> </ul>

## 2.5 Most vulnerable areas:

The Rangunia upazila is a disaster prone Upazila. Some parts of this Upazila are more vulnerable. Union wise detail of most vulnerability and its reasons are provided below-

Hazards	Most vulnerable areas	Reason of Vulnerability	Vulnerable population
Hilly onrush of water	Nangolmora union 4, 5, 7, 8 and ward No. 9. No Gumanmardan union 1, 2, 4, 7 38 ward no. Dakhinmadarsha union. Dhalai union 1, 3, 5, 7, 9 Ward No. Farhadabad union 3, 5, 6, 9 Ward No. Chikondandi union 1, 2, 5, 6 and 9 Ward No. Mekhol union 4, 6, 8 and 9 Ward No. Shikarpur Union 2, 4, 5, 6 and 8 ward no. Mirzapur union of 4, 5, 7 8 ward no.	<ul> <li>Non – construction of homes away from hills.</li> <li>Build houses close to hillsides.</li> <li>People not aware about hilly on rush of water.</li> <li>Not building houses disaster resilient.</li> </ul>	About 16800 families
Flood	Nangolmora Union 2, 4, 5, 7, 8 & 9 ward No. Chhibatali union 2, 4, 5, 6, 7, 8 & 9 ward no. Gumanmardan union 2, 4, 5, 7, 8 & 9 ward No. Uttar Madarsha union 2, 4, 5, & 7 ward no. Dakhin Madarsha 4, 5, 7, 8 & 9 Ward No. Dhalai 6, 7, 8 & 9 Ward No. Farhadabad union 2, 5, 7 and 8 ward no. Chikondandi union 4, 6, 8 ward no Mekhol union 2, 4, 6, ward no.	<ul> <li>Flow obstruction of rivers &amp; canals.</li> <li>Less embankment and weak embankment.</li> <li>No plantation on both sides of roads.</li> </ul>	About 22400 families
	• 4, 6 & 7 no ward of Mekhol union	<ul> <li>Heavy rain and as a result have created</li> </ul>	About 15000 families

Hazards	Most vulnerable areas	Reason of Vulnerability	Vulnerable population
Water-logging	<ul> <li>4, 6, 7 and 9 no Ward of shikarpur Union</li> <li>1, 3, &amp; 8 no ward od Nangolmora union</li> <li>1, 3, 5, and 6 no ward od Burirchar union.</li> <li>2, 4, 6 8 no. ward of Uttar Madarsha</li> <li>2, 4, 5 no ward od Chibatali union .</li> </ul>	<ul> <li>water-logging</li> <li>Canal and wish filled up due to execusive rain fall</li> <li>As a result water-logging to create various diseases to see</li> </ul>	
Tornado	<ul> <li>All wards of Nangolmora union</li> <li>All wards of Gumanmardan union.</li> <li>All wards of Dakhin Madarsha union.</li> <li>All wards of Dhalai union.</li> <li>All wards of Dhalai union.</li> <li>All wards of Farhadabad union.</li> <li>All wards of Chikondandi union.</li> <li>All wards of Mekhol union.</li> <li>All wards of Mekhol union.</li> <li>All wards of Shikarpur union.</li> <li>All wards of Shikarpur union.</li> <li>All wards of Fathepur union.</li> <li>All wards of Garduara union</li> </ul>	<ul> <li>disaster resilient homes.</li> <li>Non-cultivation of Disaster resilient crops.</li> <li>Excessive cutting of trees.</li> <li>Non-availability of trees around the homes.</li> <li>Build kacha latrines weakly.</li> <li>Build residence of livestock weakly.</li> </ul>	About 27500 families
River Erosion	<ul> <li>7, 8 &amp; 9 no wards of Nangolmora union.</li> <li>4, 7 &amp; 7 no wards of Gumanmardan union.</li> <li>3, 5, 7 &amp; 8 no wards of Dakhon Madarsha union.</li> <li>1, 24,5,6,7 &amp; 9 no wards of Mekhol union.</li> </ul>	<ul><li>Bank of rivers.</li><li>Weak embankment.</li><li>No afforestation on both</li></ul>	About 20500 families

Hazards	Most vulnerable areas	Reason of Vulnerability	Vulnerable population		
	<ul> <li>3, 5 &amp; 7 no wards of Chibatali union.</li> <li>4, 6, 7 &amp; 9 no wards of Burirchar union</li> <li>3, 5 &amp; 8 no wards of Garduara union</li> </ul>				
Snow Rain	<ul> <li>Almost all unions of rangunia upazila are partly or entirely affected by snow rain.</li> </ul>	<ul> <li>Non- construction of disaster resilient homes.</li> <li>Non -cultivation of Disaster Resilient crops.</li> <li>Exessive cutting of trees.</li> </ul>	<ul> <li>Total number of afafected families are 20900</li> </ul>		

# **2.6 Major sectors of development planning:**

The major development sectors of Rangunia Upazila:

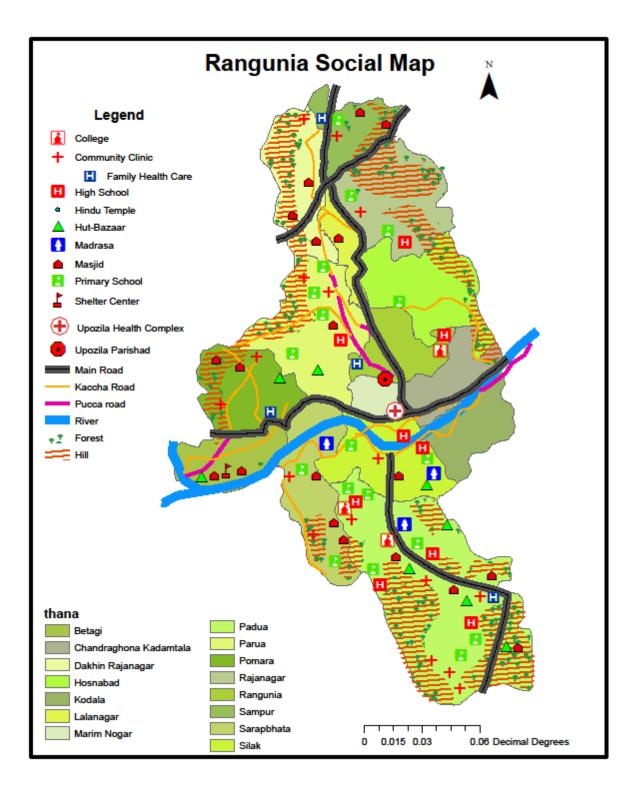
Main sectors	Detail description	Coordination with Disaster risk reduction
1. Agriculture	<ul> <li>Total crop land of 15 unions of this Upazila are 40500 acres. Flood affects these areas every year.</li> <li>Aman, boro, Aus paddy and Robi crops including guava and other vegetable cultivation of 3270 acres land out of 37526 acres can be badly affected if a hilly on rush of water happen like 2007 and 2010.</li> <li>Aman, boro, Aus paddy and Robi crops including guava and other vegetable cultivation of 2950 acres land out of 51118 acres can be badly affected if flood / tidal surge happen like 1991 and 1997.</li> <li>About 1925 acres crop out of total 37526 acres can be affected if a tornado attack in this Upazila.</li> <li>Crop of about 1925 acres out of 37526 acres can be badly affected if a tornado occurs.</li> <li>Drought affects the Upazila every year. Crop of 9000-10000 acres out of total 51118 acres can be damaged if a drought occurs in</li> </ul>	<ul> <li>Building embankment strong.</li> <li>Improve water charge system.</li> <li>Use rain water in Aman sampling production.</li> <li>Use organic manure in soil.</li> <li>Develop irrigation system and river excavation.</li> <li>Standing rice sampling put under beneath deep into the soil.</li> </ul>

Main sectors	Detail description	Coordination with Disaster
		risk reduction
2. Fisheries	<ul> <li>future.</li> <li>Total ponds of this Upazila are 1430. Fishes of 190 ponds out of 1430 can be swept away if a Hilly water on rush occurs like 2007 and 2010.</li> <li>Flood hits this upazila almost every year. Fishes of 320 ponds out of 1430 ponds can be swept away if a flood occurs. About 70-80 ponds can be affected due to river erosion.</li> <li>Fishes of about 6300 ponds out of 1430 ponds swept away if a tornado/ tidal surge occurs.</li> <li>Drought hits this upazila almost every year. Fishes of 50-65 ponds out of 1430 ponds</li> </ul>	<ul> <li>Dams will be to strengthen and repair</li> <li>Training for the fish farmers will be to do.</li> <li>Three-fish farming.</li> <li>The flood and water-logging in is surrounded by net time</li> </ul>
3. Livestock	<ul> <li>are affected if a drought occurs in this Upazila.</li> <li>It is most likely that 8600 cows out of 62234, 9210 goats out of 21454, 8 sheep out of 51 sheep, 44760 chicken out of 52710 chicken , 1870 ducks out of 12526 can be swept away if a Tidal surge / tornado like 1991 and 1997 occurs in Rangunia Upazila again.</li> <li>Moreover, 30100 families out of 40255 families can be affected and natural beauty can be destroyed.</li> <li>There is possibility that 1520 cows out of 62234 cows, 2840 goats out of 21454 goats can be affected by various diseases by Tornados.</li> </ul>	<ul> <li>Develop grazing land to govt. fellow and khas land.</li> <li>Motivate people to rear disaster resilient cross breed varieties of animals.</li> <li>Ensure vaccination.</li> <li>Build cyclone resilient habitat for livestock.</li> <li>Make people aware about disease and treatment of livestock.</li> <li>Establish cross breading facilities.</li> <li>Motivate people to</li> </ul>
4. Livelihoods	<ul> <li>About 4730 fisherman out of 14600 fishermen are affected in 15 unions of Rangunia Upazila due to flood.</li> <li>About 4550 fisherman out of 15100 fishermen are affected in 15 unions of Rangunia Upazila due to Tornado.</li> <li>About 1140 fisherman out of 15100 fishermen are directly or indirectly affected</li> </ul>	<ul> <li>cultivate paddy with fish.</li> <li>Organize different IGA training for sustainable livelihood option.</li> <li>Motivate women for income generation.</li> <li>Ensure use of local resources.</li> <li>Government and non-</li> </ul>

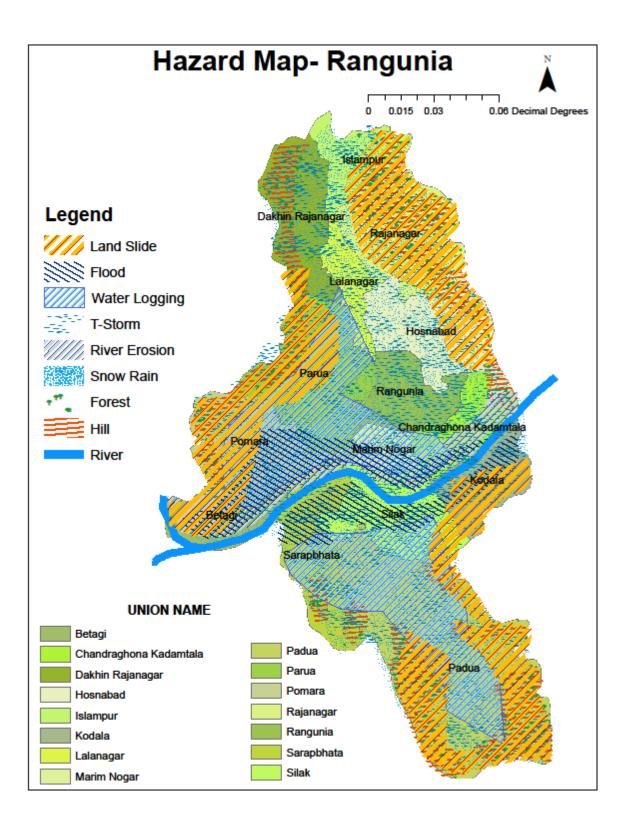
Main sectors	Detail description	Coordination with Disaster risk reduction
	<ul> <li>in 15 unions of Rangunia Upazila due to Drought.</li> <li>About 20560 farmers out of 120365 farmers and 48146 day laborers do not get employment in 15 unions of Rangunia Upazila due to dry monsoon.</li> <li>About 17350 farmers out of 120365 farmers and 12700 day laborers out of 48146 day laborers do not get employment in Rangunia Upazila due to Tornado.</li> <li>About 12600 farmers out of 120365 farmers and 10300 day laborers out of 48146 day laborers do not get employment in Rangunia Upazila due to flood.</li> <li>About 12600 businessmen out of 24073 businessmen are directly or indirectly affected if a tornado hits this Upazila.</li> </ul>	<ul> <li>government support should be ensured for livelihoods of vulnerable population.</li> <li>Organize training for small traders through Samities/ Groups.</li> <li>Ensure social security.</li> </ul>
5. Livelihoods	<ul> <li>About 4730 fisherman out of 14600 fishermen are affected in 15 unions of Rangunia Upazila due to flood.</li> <li>About 4550 fisherman out of 15100 fishermen are affected in 14 unions of Rangunia Upazila due to Tornado.</li> <li>About 1140 fisherman out of 15100 fishermen are directly or indirectly affected in 15 unions of Rangunia Upazila due to Drought.</li> <li>About 20560 farmers out of 120365 farmers and 48146 day laborers do not get employment in 15 unions of Rangunia Upazila due to dry monsoon.</li> <li>About 17350 farmers out of 120365 farmers and 12700 day laborers out of 48146 day laborers do not get employment in Rangunia Upazila due to flood.</li> <li>About 12600 farmers out of 120365 farmers and 10300 day laborers out of 48146 day laborers do not get employment in Rangunia Upazila due to flood.</li> <li>About 12600 farmers out of 24073 businessmen are directly or indirectly affected if a tornado hits this Upazila.</li> </ul>	<ul> <li>Organize different IGA training for sustainable livelihood option.</li> <li>Motivate women for income generation.</li> <li>Ensure use of local resources.</li> <li>Government and non-government support should be ensured for livelihoods of vulnerable population.</li> <li>Organize training for small traders through Samities/Groups.</li> <li>Ensure social security.</li> </ul>

Main sectors	Detail description	Coordination with Disaster
		risk reduction
6. Trees	<ul> <li>It is likely that sampling of 660 nurseries affected by Hill water on-rush.</li> <li>About 8500 families swept away due to flood.</li> <li>About 52880 trees of 17500 families out of total 40255 families can be affected if a cyclone like 1991 and 1997 hit this Upazila.</li> </ul>	<ul> <li>Motivate people to plant sampling around homes.</li> <li>Increase awareness about environment.</li> <li>Take legal action and enforce law to control illegal tree cutting.</li> <li>Increase area based social afforestation.</li> <li>Plant trees on Khas land and fellow land.</li> <li>Motivate local people to plant more trees.</li> </ul>
7. Homes & Infrastructure	<ul> <li>About 160 KM Kacha road 80 KM HBB, Kacha homes of 4890 families, 10 educational institutions, 15 mosques, 8 temples can be badly affected if a hilly water on rush occurs.</li> <li>About 32 KM kacha road out of 439.50 KM, 29 KM HBB out of 159, inundation of 10400 homes out of 40255 families, 27 educational institution out of 103, 9 hatbazar out of 23, 4 health centers out of 35 health centers can be directly or indirectly affected.</li> <li>About 1000-1200 Kacha homes out of total 40255 families can be affected if wild elephant attack like 2012- 2014 occurs.</li> </ul>	<ul> <li>Increase height of roads and make pucca.</li> <li>Construct necessary culverts &amp; bridges.</li> <li>Build adequate cyclone centers.</li> <li>Plant sampling around infrastructures and roads and canals.</li> <li>Build new shelters.</li> <li>Build new structures cyclone resilient.</li> <li>Build new homes cyclone resilient.</li> <li>Motivate people to plant more trees around homes.</li> </ul>

## 2.7 Social Map:



### 2.8 Hazard Map:



#### 2.9 Hazard Calendar:

SI	Hazards		Name of Months										
No.		Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	Land												
	slide												
2	Flood												
3	Water-												
	logging												
4	Tornado												
5	River												
	Erosion												
6	Snow												
	Rain												

#### Hazard Calendar of Upazila

#### **Calendar Analysis:**

Rangunia upazila is a disaster prone area. It is know from interaction with community people that hazards like hilly water on rush, flood, river erosion, tornado, drought, cold wave and attack of elephants are occurred in almost 15 unions of this Upazila. Occurrence time of hazards has been shown in above charts. Detail is being analysis below-

- 1. On rush of hilly water: During interaction with local people it is know that hills are abundances in most parts of the Upazila. On rush of hilly ware occurs every year during rainy monsoon in these areas and it damages local resources. On rush of hilly water is the most devastating hazards than other hazards. Usually this on rush occurs during Azar to Asin month.
- **2.** Flood: It is known that unions are close to rivers and canals and flood occurs every year due to climatic change. Flood occurs from Asar to Asin month
- **3. Water logging:** Water logging occurs due to onrush of hilly water and as the mighty Karnafully river & Esamoti river Have flown through this upazila. Water logging causes many water born diseases.
- **4. Tornedo**: It is known from interacting with local people that Tornado is another hazard that occurs almost every year. It took huge tool to lives and other resources. Usually this is happen from Baishak to Justa month.

- **5. River Erosion:** It is known that river erosion is a major hazard in this Upazila. Every year homes and crop land are devoured by this erosion. This is happened from Asar to Ashin month.
- **6. Snow rain:** Snow rain is occurs in Rangunia upazila in every year. This hazard more or less affect almost all unions. As a result, 200-250 acres crops are affected. The risks can be minimized if cutivation of disaster resilient crop is done in future

#### 2.10 Monsoon calendar of livelihoods:

SI.	Livelihoods	Name	Name of months										
No.		Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	De
													с.
1	Farmers												
2	Fishermen												
3	Business												
4	Vatbati/ Van												
	driver												
5	Day labarer												

#### Hazard Calendar of Upazila

#### 2.11 Life & Livelihood related vulnerability:

Main livelihoods and what problems it creates is shown in below table

SI	Livelihoods	Misfortune	Misfortune befalls ballots/disaster management						
No.		Flood	Land	Baishakhi	River	Drought	Water-		
			Slide	storm	Erosion		logging		
1	Agriculture								
2	Animals resources								
3	Business								
4	Fish								
5	Workers day								
6	Tattati also ply, van driver,								

## 2.12 Sector wise description of hazards and of risks:

(Ka) What kind of sectors are fell victims by hazards in Rangunia upazila is details below-

Hazards induced Risk identification and listing has been done after identifying union wise hazards, vulnerable sectors and areas. Risk prioritization has been done through votes of 24 representatives (3 groups consisting of 8 people of Farmer, fisherman and businessman professionals). Priorities risks and its causes of three groups have been combined, made analysis and risk reduction approaches have been identified. List of Priorities risks are exhibited below-

Hazards	Vulnerable social Components/elements							
	Crops	Fisheries	Homes	Roads	Sanitation	Health		
Land Slide								
Flood								
Water Logging								
Tornedo								
River Ersion								
Snow Rain								

#### Identification of Vulnerable sectors

# Sector wise description of Hazards and risks:

Sector	Hazards	Description
Agriculture	Land Slide	Onrush of hilly water makes extensive damage to 710 acres crops in Hosnabad union during rainy season. Similarly Onrush of hilly water makes extensive damage to 320 acres crops in Moriumnagar union during rainy season. Similarly Onrush of hilly water makes extensive damage to 4960 acres crops in Pomra union during rainy season. Onrush of hilly water makes extensive damage to 650 acres crops in Padua union during rainy season. Onrush of hilly water makes extensive damage to 645 acres crops in Shilok union. Onrush of hilly water makes extensive damage to 690 acres crop in Lalanagar union. Onrush of hilly water makes extensive damage to 642 acres crop in Chandraghona union.
Infrastructure	Onrush of hilly water	Though the upazial is not fully hilly upazila but there are hills in some unions. About 15500 families can be directly or indirectly affected if a onrush of hioll water occurs during rainy monsoon. Landslide that is resulted from execessive rain causes huge damages to trees, shops, hatbazar, educational institutions and roads.
Fishery	Onrush of hilly water	Onrush of hilly water occurs every year. Huge damage is caused if onrush of hilly water occurs. About 430 fishermen out of total 697 fishermen of 2630 families of Moriumnagar union can be affected if a onrush of hilly water hits. About 658 fishermen out of total 1209 fishermen of 4120 families of Hosnabad union can be affected if a onrush of hilly water hits. About 830 fishermen out of total 1548 fishermen of 8597 families of Padua union can be affected if a onrush of hilly water hits. Bout 548 fishermen out of total 1866 fishermen of 9445 families of Pomra union can be affected if a onrush of hilly water hits. About 332 fishermen out of total 980 fishermen of 3921 families of Padua union can be affected if a onrush of hilly water hits. About 920 fishermen out of total 1246 fishermen of 6930 families of Sholik union can be affected if a onrush of hilly water hits. About 455 fishermen out of total 1650 fishermen of 5057 families of Chandraghona union can be directly or indirectly affected if a onrush of hilly water hits.About 431 fishermen out of total 976 fishermen of 5740 families of Lalanagar union can be directly or indirectly affected if a onrush of hilly water hits.About 328 fishermen out of total 760 fishermen of 4060 families of Sarafdbhata union can be

Sector	Hazards	Description
Agriculture	Flood	Aman crop of 2457 acres in Moriumnagar union can be affected if a flood like 1987 and 1988 occurs in Rangunia upazila. As a result 2635 families can be directly or indirectly affected. Aman of 1876 acres, Robi of 128 acres and vegetables of 239 acres can be affected in Lalanagar union by flood; As a result about 1349 families can be directly or indirectly affected. In addition, about 2147 acres crops of 5 wards of Padua union and 324 acres vegetable field can be badly damaged. As a result, about 2654 famalies can be directly or indirectly affected. Besides, about 1643 acres Aman crops and 324 acres vegetable field of Betagi union can be badly damaged. As a result, about 983 famalies can be directly or indirectly affected and about 2645 people can be subject to loss. Aman crop of 1298 acres out of 6920 acres and vegetable field of 245 acres of Rajanagar union can be affected. Crop of 1023 acres and vegetvlbe field of 245 acres of South Rajanagar union can be badly affected. As a result, about 643 families can be directly or indirectly affected. Crop of 521 acres, Aman crop of 254 acres , Boro and vegetable field of Sarafbhata union can be severely affected. As a result, about 218 families and 1548 people can be directly or indirectly affected.
Health	Flood	Flood hugely affects union health centers and spread many waterborn diseases. Most health centers are affected by flood.
Infrastructures	Flood	About 38 KM Kacha roads, 30 KM HBB, 20 KM Pucca roads, and kacha homes of 2349 families can be damaged by inundation. Besides, About 12 educational institutions, , 5 hatbazars and infrastructurtes of 3 health centers can be inundated and damaged.
Sanitation	Flood	Therte are about 80650 latrines in Rangunia upazila. Among them concrete latrines are 50200 and kacha latrines are 30400. According to field survey, Kacha and semi Pucca latrines are vulnerable to more damage during disasters.

Sector	Hazards	Description
Agriculture	Water logging	Aman crop of 2457 acres in Moriumnagar union can be affected if a flood like 1987 and 1988 occurs in Rangunia upazila. As a result 2635 families can be directly or indirectly affected. Aman of 1876 acres, Robi of 128 acres and vegetables of 239 acres can be affected in Lalanagar union by flood; As a result about 1349 families can be directly or indirectly affected. In addition, about 2147 acres crops of 5 wards of Padua union and 324 acres vegetable field can be badly damaged. As a result, about 2654 famalies can be directly or indirectly affected. Besides, about 1643 acres Aman crops and 324 acres vegetable field of Betagi union can be badly damaged. As a result, about 2645 people can be directly or indirectly affected and about 2645 people can be subject to loss. Aman crop of 1298 acres out of 6920 acres and vegetable field of 245 acres of Rajanagar union can be affected. Crop of 1023 acres and vegetvlbe field of 245 acres of South Rajanagar union can be badly affected. As a result, about 643 families can be directly or indirectly affected. Crop of 521 acres, Aman crop of 254 acres , Boro and vegetable field of Sarafbhata union can be severely affected. As a result, about 218 families and 1548 people can be directly or indirectly affected.
Fishery	Water logging	Onrush of hilly water occurs every year. Huge damage is caused if onrush of hilly water occurs. About 430 fishermen out of total 697 fishermen of 2630 families of Moriumnagar union can be affected if a onrush of hilly water hits. About 658 fishermen out of total 1209 fishermen of 4120 families of Hosnabad union can be affected if a onrush of hilly water hits. About 830 fishermen out of total 1548 fishermen of 8597 families of Padua union can be affected if a onrush of hilly water hits. Bout 548 fishermen out of total 1866 fishermen of 9445 families of Pomra union can be affected if a onrush of hilly water hits. About 332 fishermen out of total 980 fishermen of 3921 families of Padua union can be affected if a onrush of hilly water hits. About 920 fishermen out of total 1246 fishermen of 6930 families of Sholik union can be affected if a onrush of hilly water hits. About 455 fishermen out of total 1650 fishermen of 5057 families of Chandraghona union can be directly or indirectly

Sector	Hazards	Description
		affected if a onrush of hilly water hits.About 431 fishermen out of total 976 fishermen of 5740 families of Lalanagar union can be directly or indirectly affected if a onrush of hilly water hits.About 328 fishermen out of total 760 fishermen of 4060 families of Sarafdbhata union can be directly or indirectly affected if a onrush of hilly water hits.
Health	Water logging	Water logging hugely affects union health centers and spread many waterborn diseases. Most health centers are affected by flood.
Sanitation	Water logging	Therte are about 80650 latrines in Rangunia upazila. Among them concrete latrines are 50200 and kacha latrines are 30400. According to field survey, Kacha and semi Pucca latrines are vulnerable to more damage during disasters.
Agriculture	Tornedo	Extensice damage is caused in every year due to tornedo. About 100 acres Aman, Boro, Aus, Robi crop including guava and vegetable cultivation can be badly affected in Chunati union if a tornedo hits. About 90 acres Aman, Boro, Aus, Robi crop including guava and vegetable cultivation can be badly affected in Rangunia Sadar union if a tornedo hits. About 125 acres Aman, Boro, Aus, Robi crop including guava and vegetable cultivation can be badly affected in Moriumnagar union if a tornedo hits. About 120 acres Aman, Boro, Aus, Robi crop including guava and vegetable cultivation can be badly affected in Betagi union if a tornedo hits. About 110 acres Aman, Boro, Aus , Robi crop including guava and vegetable cultivation can be badly affected in Lalanagar union if a tornedo hits. About 100 acres Aman, Boro, Aus , Robi crop including guava and vegetable cultivation can be badly affected in Betagi union if a tornedo hits. About 110 acres Aman, Boro, Aus , Robi crop including guava and vegetable cultivation can be badly affected in Lalanagar union if a tornedo hits. About 100 acres Aman, Boro, Aus , Robi crop including guava and vegetable cultivation can be badly affected in Rajanagar union if a tornedo hits. About 105 acres Aman, Boro, Aus , Robi crop including guava and vegetable cultivation can be badly affected in Islampur union if a tornedo hits. About 95 acres Aman, Boro, Aus , Robi crop including guava and vegetable cultivation can be badly affected in Padua union if a tornedo hits. About 110 acres Aman, Boro, Aus , Robi crop including guava and vegetable cultivation can be badly affected in Shilok union if a tornedo hits. Families of those unions can be directly or indirectly affected.

Sector	Hazards	Description
Infrastructures	Tornedo	About kacha homes of 2349 families can be damaged by inundation. Besides, About 5 educational institutions, , 5 hatbazars and infrastructurtes of 3 health centers can be inundated and damaged.
Agriculture	River Erosion	Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 180 acres in Moriumnagar union can be severely damaged and 35 acres land can be devoured in rivers if river erosion occurs. As a result, 186 families can be affected. Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 130 acres in Rangunia Sadar union can be severely damaged and 22 acres land can be devoured in rivers if river erosion occurs. As a result, 120 families can be affected. Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 142 acres in Padua union can be severely damaged and 20 acres land can be devoured in rivers if river erosion occurs. As a result, 30 families can be affected. Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 135 acres in Shilok union can be severely damaged and 24 acres land can be devoured in rivers if river erosion occurs. As a result, 41 families can be affected. Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 175 acres in Sarafbhata union can be severely damaged and 18 acres land can be devoured in rivers if river erosion occurs. As a result, 33 families can be affected. Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 170 acres in Lalnagar union can be severely damaged and 20 acres land can be devoured in rivers if river erosion occurs. As a result, 30 families can be affected. Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 142 acres in Chandraghona union can be severely damaged and 20 acres land can be devoured in rivers if river erosion occurs. As a result, 30 families can be affected. Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 142 acres in Chandraghona union can be severely damaged and 20 acres land can be devoured in rivers if river erosion occurs. As a result, 35 families can be affected. Aman, Boro, Aus and Robi crop including guava and vegetable cultivation of 142 acres in Chandraghona union can be severely dam
		Aman, Boro, Aus, Robi crops of about 96 acres out of 1500 acres including guava and vegetable cultivation can be badly affected in Moriumnagar union if water logging occurs due to excess rain and onrush of hilly water happens. Aman, Boro, Aus, Robi crops of about 72 acres including guava and

Sector	Hazards	Description
Agriculture	Water logging	vegetable cultivation can badly be affected in Padua union if water logging occurs. Aman, Boro, Aus, Robi crops of about 105 acres including guava and vegetable cultivation can badly be affected in Shilok union if water logging occurs. Aman, Boro, Aus, Robi crops of about 75 acres including guava and vegetable cultivation can badly be affected in Sarafbhata union if water logging occurs. Aman, Boro, Aus, Robi crops of about 100 acres including guava and vegetable cultivation can badly be affected in Padua union if water logging occurs.Aman, Boro, Aus, Robi crops of about 62 acres including guava and vegetable cultivation can badly be affected in Lalnagar union if water logging occurs.Aman, Boro, Aus, Robi crops of about 100 acres including guava and vegetable cultivation can badly be affected in Lalnagar union if water logging occurs.Aman, Boro, Aus, Robi crops of about 100 acres including guava and vegetable cultivation can badly be affected in Padua union if water logging occurs.Aman, Boro, Aus, Robi crops of about 100 acres including guava and vegetable cultivation can badly be affected in Padua union if water logging occurs. Aman, Boro, Aus, Robi crops of about 120 acres including guava and vegetable cultivation can badly be affected in Shilok union if water logging occurs.

# 2.13 Climatic Change & its impact :

Sectors	Hazards	Description
Agriculture	Onrush of Hilly	Onrush of hilly water occurs every yera in this upazila. Extensive
	water	damage is caused if a flood occurs in this upazila.
		Flood occurs every year in this upazila. Flood affect almost all
Agriculture	Flood	unions of this upazila. Intensity of flood is gradually increasing.
		Crop of about 6000 acres are directly or indirectly affected by
		inundation if a flood hits this upazila.
Agriculture	Water logging	Water logging occurs as the upazila is close to Karnafully and
		Isamoti rivers and due to onrush of hilly water.
		Huge damage is occured in every year due to tornedo. Crop of
Agriculture	Tornedo	about 4500 acres can be directly or indirectly affected by
		tornedo.
		River erosion is occured in every rainy monsoon as the upazila is
Agriculture	River erosion	close to karnafully and Isamoti. River erosion is found in some
		unions –Moriumnagar, Sarafbhatta, Shilok, Padua and kodala to
		a larger extent during rainy monsoon. About 700-900 acres crop
		land are badly affected by river erosion and about 320 acres
		land are devoured by river erosion.
		Snow rain occured in Rangunia upazila each year due to
Agriculture	Snow rain	adversaries of climatic change. Almost all unions are affected by
		snow rain. Crop of about 500-600 acres can be affected partly
		or entirely if a snow rain hits like 2012. The risks can be
		minimixed partly by cultivating disaster resilient crop varities.
		Fishes of about 1080 ponds are swept away and about 1336
Fisheries	Flood	fishermen are directly or indirectly affected if a flood like 1991
		occurs in this upazila.
		Massive water logging occurs as the upazila is crossed by
Fisheries	Water Logging	Karnafully and Isamoti and impact of onrush of hilly water.
		Fishes of about 873 ponds are swept away during rainy season
		and livelihoods of fishermen becomes hard as a result of water
		logging.
Fisheries	River erosion	River erosion occurs in this upazila in every rainy season. Fishery
		sector sustains huge loss due to river erosion. About 3000
		fishermen are directly or indirectly affected by river erosion.
	Flood	Waterborn diseases affect large number of population if a flood
Health	Flood	occurs in Rangunia upazila. Besides about 10 health centers are
		affected by flood.

# 3<sup>rd</sup> Chapter: Disaster Risk Reduction

# 3.1 Identification of Causes of Risks-

Description of risk	Causes						
	Immediate	Secondary	Final				
Sector: Agriculture Hazard: Hilly water onrush During interaction with local people it is know that hills are abundances in most parts of the Upazila. On rush of hilly ware occurs every year during rainy monsoon in these areas and it damages local resources. On rush of hilly water is the most devastating hazards than other hazards. Usually this on rush occurs during Asar to Asin month.	<ul> <li>Not to make quick disposal of water</li> <li>Not to make available the massage of flood in time.</li> <li>Due to intrusion of saline water to crop land directly.</li> </ul>	<ul> <li>due to Joar and Bhatta.</li> <li>No regulatory system for control of saline water intrusion.</li> </ul>	<ul> <li>Lack of appropriate actions of WDB.</li> <li>Donors support is less in contrast to need.</li> <li>Unawareness of people.</li> </ul>				
Sector: Agriculture Hazard: Flood Flood occurs every year in this upazila. Every union is affected by flood. The intensity of flood increase during rainy monsoon. About 15400 acres crop can be directly or indirectlyu affected by flood in this upazila.	<ul> <li>Not to make quick disposal of water</li> <li>Not to make available the massage of flood in time.</li> <li>Due to intrusion of saline water to crop land directly.</li> </ul>	<ul> <li>due to Joar and Bhatta.</li> <li>No regulatory system for control of saline water intrusion.</li> </ul>	<ul> <li>Lack of appropriate actions of WDB.</li> <li>Donors support is less in contrast to need.</li> <li>Unawareness of people.</li> </ul>				
Sector: Agriculture Hazard: Water Logging Water logging occurs due to onrush of hilly	<ul> <li>As the crop land are in low lying areas.</li> <li>Non avialiavlibility of</li> </ul>	disaster resilient crop	Not taking appropiate actions by WDB.				

water and as the mighty Karnafully river & Esamoti river Have flown through this upazila. Water logging causes many water born diseases.		speedy water discharging system.				Poor support from donors.
Sector: Agriculture Hazard: Tornedo Tornedo damages huge crops every year. Crop of 8500 acres are damaged due to tornedo in each year	AA	Affect of depression to coastal areas. Increase of temperature in atmosphere. Affect of green houses. Climatic Change.		Absence of sufficient trees. Having no plan for social afforestation. Due to black fumes of mills and transports. Not getting advance forecasting of tornadoes.	A	Poor attention of Agricultural department. Absence of Agricultural research centers. Lack of adequate training of farmers. Lack of effective government policies about Hazard and risks.
Sector: Fisheries Hazard: River Erosion River erosion is occurs in each year at Rangunia upazila. Extensive damage is caused if river erosion is occurs. About 10500 families are directly or indirectly affeacted by river erosion.	A	Due to presence of ponds close to rivers.	A A	Not to make Embankment strong. Not aware of fisherman in this respect.	AA	Lack of proper attention of Fishery Departments. Not taking any government initiatives to prevent river erosion.
Sector: Agriculture Hazard: Snow Eain Snow rain is occurs in Rangunia upazila in every year. This hazard more or less affect almost all unions. As a result, 200-250 acres crops are affected. The risks can be minimized if cutivation of disaster resilient crop is done in	•	Almost all unions of rangunia upazila are partly or entirely affected by snow rain.	•	Non- construction of disaster resilient homes. Non –cultivation of Disaster Resilient crops. Exessive cutting of trees.	•	Total number of afafected families are 20900

future.			
Sector: Fisheries Hazard: Flood Fishes of about 673 are swept away if a flood like 1991 occurs in this upazila and about 1450 fisherman can be directly or indirectly affected.	<ul> <li>Pond location is in low-lying areas.</li> <li>Bank of ponds are low.</li> </ul>	<ul> <li>Ponds are not built on high land.</li> <li>Lack of awareness of Fisherman.</li> <li>No provision of netting around ponds.</li> </ul>	<ul> <li>Banks of ponds are not high.</li> <li>Not to provide training to Fisherman by Govt. and non Government.</li> </ul>
Sector: Fisheries Hazard: Onrush of hilly water Onrush of hilly water occurs in every year in this upazila. About 2120 fisherman families are directly or indirectly affected by onrush of hilly water.	<ul> <li>Low height of ponds embankment.</li> <li>Less awareness of people.</li> </ul>	<ul> <li>Less awareness of people.</li> <li>Non provision of netting above ponds.</li> </ul>	<ul> <li>Non locating of ponds away from hills.</li> <li>Low depth of ponds.</li> </ul>
Sector: Fisheries Hazard: River Erosion River erosion is occurs in each year at Rangunia upazila. Extensive damage is caused if river erosion is occurs. About 8400 families are directly or indirectly affeacted by river erosion.	Due to presence of ponds close to rivers.	<ul> <li>Not to make Embankment strong.</li> <li>Not aware of fisherman in this respect.</li> </ul>	<ul> <li>Lack of proper attention of Fishery Departments.</li> <li>Not taking any government initiatives to prevent river erosion.</li> </ul>
Sector: Infrastructure Hazard: Onrush of hilly water Onrush of hilly water damages infrasructures in each year. Particularly this affects Kacha houses. Apart from this it also partly affeect roads, educational institutions, temples, mosques, and health centers.	1. The houses are destroyed; they are not strongly made it.	1. Is to the people living in the hills about there not being aware.	<ol> <li>persons living in rainy season on the mountain do not have to be transferred to</li> <li>The local administration in this regard in the active not</li> </ol>
Sector: Infrastructure	$\rightarrow$ Most of the institutions in	ightarrow Institutions to be built in a	$\rightarrow$ Transparency in the

Hazard: River Erosion	Мау	planned manner not	construction
River erosion is seen in greater during rainy	$\rightarrow$ Not to have the block	ightarrowinstitutions do not have the	organization
monsoon. Houses, roads, educational	adjoining the river.	water discharging	$\rightarrow$ How to create
institution, temples, mosques, and health			disaster tolerant
centers are partly or wholly damaged due to			institutions.
river erosion.			
Sector: Infrastructure.	Unplanned building of	Due to low-lying locations	Due to lack of
Hazard: Flood	educational institution.	of educational and religious	formulating risk
Flood damages most houses in this upazila.	Rural homes are made of	Institutions.	reducing
Particualrly Kacha houses are damaged in	Bamboos so beaks easily.		infrastructure
larger numbers. There are about 40904 families	Not to build roads		Policies.
of Kacha houses and 17249 families of Pucca	strongly.		Building
houses. Roads, educational institutions,	Not to build culverts		materials are
temples, mazjids, and healyj cenyers are partly	strongly.		not cyclone
damaged if flood hits.			resilient.

## **3.2 Identification of means to reduce risks**

Hazards & Risks	Possible means to reduce risks		
	Short-term	Midterm	Long-term
Sector: Agriculture Hazard: Hilly water onrush During interaction with local people it is know that hills are abundances in most parts of the Upazila. On rush of hilly ware occurs every year during rainy monsoon in these areas and it damages local resources. On rush of hilly water is the most devastating hazards than other hazards. Usually this on rush occurs during Asar to Asin month.	<ul> <li>→ People are not aware about 'Onrush of hilly water'.</li> <li>→ People are not aware about Landslide.</li> <li>→ Not to cut trees in large number from hills.</li> </ul>	<ul> <li>→ Cultivate water resistance crop varieties.</li> <li>→ Framers should have training.</li> <li>→ Plant more and more trees to hills by GO &amp; NGOs.</li> </ul>	<ul> <li>→ Cultivate water resistance crop varieties.</li> <li>→ Impart training to farmers.</li> <li>→ Strict execution and enforcement of Hill cutting policies.</li> </ul>
Sector: Agriculture Hazard: Flood Flood occurs every year in this upazila. Every union is affected by flood. The intensity of flood increase during rainy monsoon. About 15400 acres crop can be directly or indirectlyu affected by flood in this upazila.	<ul> <li>→ Make easy and speedy disposal of water.</li> <li>→ Reach warning massage in time.</li> <li>→ Not to allow entering saline water directly to crop land.</li> </ul>	<ul> <li>→ Not to allow entering saline water directly to crop land.</li> <li>→ Control intrusion of saline water.</li> <li>→ Install sluice gate at the junction of rivers and canals.</li> </ul>	<ul> <li>→ Take appropriate steps by WDB.</li> <li>→ Increase donors cooperation &amp; support as per need.</li> <li>→ Make people aware.</li> </ul>
Sector: Agriculture Hazard: Tornedo Tornedo damages huge crops every year. Crop of 8500 acres are damaged due to tornedo in each year	<ul> <li>Affect of depression to coastal areas.</li> <li>Increase of temperature in atmosphere.</li> <li>Affect of green houses.</li> <li>Climatic Change.</li> </ul>	<ul> <li>Absence of sufficient trees.</li> <li>Having no plan for social afforestation.</li> <li>Due to black fumes of mills and transports.</li> <li>Not getting advance forecasting of tornadoes.</li> </ul>	<ul> <li>Poor attention of Agricultural department.</li> <li>Absence of Agricultural research centers.</li> <li>Lack of adequate training of farmers.</li> <li>Lack of effective government policies about Hazard and risks.</li> </ul>

Hazards & Risks	Possible means to reduce risks		
	Short-term	Midterm	Long-term
Sector: Agriculture Hazard: Water Logging Water logging occurs due to onrush of hilly water and as the mighty Karnafully river & Esamoti river Have flown through this upazila. Water logging causes many water born diseases.	As the fishermen are not aware about it.	Absence of required number of fish services centters.	Not to take proper sctions by district Fishery department.
Sector: Fisheries Hazard: River Erosion River erosion is occurs in each year at Rangunia upazila. Extensive damage is caused if river erosion is occurs. About 10500 families are directly or indirectly affeacted by river erosion.	→ Not to build ponds close to rivers.	<ul> <li>→ Build embankments strong.</li> <li>→ Fisherman should be aware</li> </ul>	<ul> <li>→ Put more attention of fishery department.</li> <li>→ Government initiatives must to prevent river erosion.</li> </ul>
Sector: Agriculture Hazard: Snow Eain Snow rain is occurs in Rangunia upazila in every year. This hazard more or less affect almost all unions. As a result, 200-250 acres crops are affected. The risks can be minimized if cutivation of disaster resilient crop is done in future.	<ul> <li>Almost all unions of rangunia upazila are partly or entirely affected by snow rain.</li> </ul>	<ul> <li>Non- construction of disaster resilient homes.</li> <li>Non –cultivation of Disaster Resilient crops.</li> <li>Exessive cutting of trees.</li> </ul>	<ul> <li>Total number of afafected families are 20900</li> </ul>
Sector: Infrastructure. Hazard: Flood Flood damages most houses in this upazila. Particualrly Kacha houses are damaged in larger numbers. There are about 40904 families of Kacha houses and 17249 families of Pucca houses. Roads, educational institutions, temples, mazjids, and healyj cenyers are partly damaged if flood	<ul> <li>→ Build institutions by planned way.</li> <li>→ Rural homes must be made in such a way that it is not destroyed easily.</li> <li>→ Roads must be made strongly.</li> <li>→ Culverts must be made</li> </ul>	→ Educational and religious institutions should not keep Kacha and made in low lying spots.	→ Make policies for risk and hazard free Infrastructure. Building materials should be disaster resilient.

Hazards & Risks	Possible means to reduce risks		
	Short-term	Midterm	Long-term
hits.	strongly.		
Sector: Infrastructure	Non existence of	Losing / decreasing	Not taking any
Hazard: River Erosion	Embankments.	navigability.	government initiatives
River erosion is seen in greater during rainy	Due to increase of water	Decrease of depth	to prevent river
monsoon. Houses, roads, educational institution,	pressure in rivers during	of rivers by siltation.	erosion.
temples, mosques, and health centers are partly	rainy monsoon.		Lack of good attention
or wholly damaged due to river erosion.			of WDB.
Sector: Infrastructure	<ul> <li>Almost all unions of</li> </ul>	• Non- construction of	<ul> <li>Total number of</li> </ul>
Hazard: Onrush of hilly water	rangunia upazila are	disaster resilient	afafected families are
Onrush of hilly water damages infrasructures in	partly or entirely	homes.	20900
each year.	affected by snow rain.	• Non -cultivation of	
Particularly this affects Kacha houses. Apart from		Disaster Resilient	
this it also partly affeect roads, educational		crops.	
institutions, temples, mosques, and health		• Exessive cutting of	
centers.		trees.	

# **3.3 Development Plan of NGOs:**

Sl. No.	Name of NGO	Activities	No of beneficiaries	Duration of project
1	BRACK	Sanitation, Education, Health and Micro-Credit	2250	Long Term /ongoing
2	Karitas	Micro-Credit, Raise Awareness, and	1280	Long Term /ongoing
		development of the women,		
3	Steps	Micro-Credit	1070	Long Term /ongoing
4	Ahasania Mission Dhaka	Disaster management, child development,	1020	Long Term /ongoing
		education, Health and Micro-Credit		
5	Proshika	Micro-Credit and Education	1050 people	Long Term /ongoing
6	Kodak	Micro-Credit & Awareness	650 people	Long Term /ongoing
7	This work	Micro-Credit and the handicapped	520	Long Term /ongoing
8	Epsa	Women and Child development, education, health and Micro-Credit	1180 people	Long Term /ongoing
9	Норе	Micro-Credit	1220	Long Term /ongoing
10	Pravati	Micro-Credit	580	Long Term /ongoing
11	CDS	Micro-Credit	680	Long Term /ongoing
12	Ghasful	Micro-Credit, health services, education,	900	Long Term /ongoing
		awareness		
13	IDF	Micro-Credit, health hygiene	750	Long Term /ongoing
14	Surjer Hasi Clinic	Health Service	1200	Long Term /ongoing
15	ΤΜSS	Micro-Credit, education, awareness	1050	Long Term /ongoing
16	Gharoni	Disaster Management (ডিএমপ্ল্যান)	-	Long Term /ongoing
17	Dishari	Health awareness, small loans	450	Long Term /ongoing
18	Bangladesh Bureau	Micro-Credit	590	Long Term /ongoing
19	Energy foundation	Micro-Credit	610	Long Term /ongoing
20	Bridge Kakrail	Micro-Credit	480	Long Term /ongoing
21	On his release.	Micro-Credit	520	Long Term /ongoing
22	PSTC	small loans, raise awareness, and skill training	700	Long Term /ongoing
23	Uddipon	Micro-Credit, awareness	570	Long Term /ongoing
24	Prantik	Micro-Credit	480	Long Term /ongoing
25	Pratishi	Micro-Credit	630	Long Term /ongoing
26	Grameen Bank	Micro-Credit	1120	Long Term /ongoing

# **3.4 Disaster Management Action Plan:**

# 3.4.1 Pre-preparation for Disaster

SI. No	Activities	Targets	Probable budget	Where to do	Probable date for implemen t.	Who t Upazil a admin. %	to do & Com m. %	How n UP %	nuch NGO %	Coordination with development Plan
1	Identification of points for massage Group formation at Ward	110	1, 10, 000/	Village, ward, up & purashava Pourashava &	Feb. to march Feb. to	-				All activities will make community people aware and motivate to work to reduce
2	level	120	4, 80, 000 -	Up	march					Disaster risks. As a result, the loos
3	Plan to circulate advance massage for flood/hazards at local level	115	2, 90, 000/	Pourashava & Up	Feb. to march	Thro	ugh Co-oi	rdinatio	n	of lives and resources will be reduced. The activities will contribute to socio-econimic and
4	Circulate advance massage for Flood & disasters	115	57, 500 -	Village, ward, up & purashava	Feb. to march					national development.
5	Deliver Health Services	43	43, 00, 000 -	Village, ward, up & purashava	Feb. to march					
6	Conduct drill activities	28	4, 20, 000 -	Pourashava & Up	Feb. to march					
7	Repair of Shelters	42	2, 10, 000 -	Pourashava & Up	Feb. to march					
8	Impart training on Disasters & Primary Health	14	70, 000 -	Pourashava & Up	Feb. to march					
9	Keep ready of Dry foods and Medicines	dry food - 9 tons Rice/Rice-12 tons	10, 50, 000 -	Village, ward, up & purashava	Feb. to April					
10	Impart training to school students on Disasters	School 150	3, 50, 000 -	School	Feb. to April					

# 3.4.2 During Disasters:

SI.	Activities	Targets	Probable	Where to do	Probable	Who	to do &	How r	nuch	Coordination with
No			budget		date for	Upazi	Com	UP	NG	development Plan
					implement.	la	m.	%	0	
						admi	%		%	
						n. %				
1	Distribution of Dry foods	7 tons dry	11, 50, 000	Ward & Union	During					All activities will make
		food, rice,			disaster					community people aware
		pulses 9 t								and motivate to work to
		ons								reduce Disaster risks. As a
2	Arrange provision for	About 48,	3, 50, 000	Ward & Union	During	Thr	ough Co	o-ordin	ation	result, the loos of lives and
	Pure drnking water &	000			disaster					resources will be reduced.
	Sanitation	Family				_				The activities will contribute
3	Transfer affected people	35, 000	4, 00, 000	Ward & Union	During					to socio-econimic and
	to shelters or Health	family			disaster					national development.
	centers					_				
4	Take women, children,	70	1, 75, 000 -	Ward & Union	During					
	aged, ill and disabled to				disaster					
	shelters and high land on									
	emergency basis.					_				
5	Transfer affected people	-	-	Ward & Union	During					
	to proper medical service				disaster	4				
6	Ensure Social security	-	-	Ward & Union	During					
					disaster					

### **3.4.3 After Disasters:**

SI.	Activities	Targets	Probable	Where to	Probable date	Wł	no to do & I	How mu	ch	Coordination with development
No			budget	do	for implement.	Upazila	Comm.	UP	NGO	Plan
						admin.	%	%	%	
	Descent and a l	110	4 40 000			%				
T	Rescue wonded	110	4, 40, 000 -	All wards & unions	After disaster					All activities will make community
	People & provide primary			of upazila						people aware and motivate to work to reduce Disaster risks. As a result,
	treatment			or upazita						the loos of lives and resources will
2	Cleaning garbase	110	5, 50, 000 -	In the	After disaster	Throu	ugh Co-ordi	nation		be reduced. The activities will
	immediately			disaster			0			contribute to socio-econimic and
				affected						national development.
				areas						
3	Start early rescue	110	-	In the	After disaster					
	operation			disaster						
				affected						
4	Emergency	17,000	3, 40, 000/	areas In the	After disaster	-				
4	rehabilitation &	17,000	3, 40, 000/	disaster	Arter disaster					
	support for			affected						
	livelihood			areas						
5	Restablishment	-	-	All wards	After disaster					
	of social security			& unions						
				of upazila						

# **3.4.4** in normal period/Risk reduction period:

SI. No	Activities	Targets	Probabl e budget	Where to do	Probable date for implement.	Who to Upazila admin.	do & Co mm	How m UP %	nuch NG O	Coordination with development Plan
1	Repair of embankm ent & constructi on	17.5 km	Per km 30 lac	<ol> <li>Moriumnagar union 1 km. ward no. 3, 4, 5, 6 &amp; 7</li> <li>Parua union 1 KM at ward no. 2</li> <li>Betagi Union 2 KM at ward no 5, 7.</li> <li>Lalanagar union 5 KM at ward no 1,2,3, &amp; 7.</li> <li>Hosnabad union .50 KM at ward no 1.</li> <li>Shilok union 5 KM. At ward no. 5, 6, 7 &amp; 8.</li> <li>4 KM long embankment at ward no 3,4,5 &amp; 6 of Padua union.</li> </ol>	From Nov. to january	% Thro ordinati	%		% Co-	All activities will make community people aware and motivate to work to reduce Disaster risks. As a result, the loos of lives and resources will be reduced. The activities will contribute to socio-econimic and national development.
2	Repair & paving of road.	Kacha road 152 KM & HBB road 64 KM.		<ol> <li>1.</li> <li>5 KM Kacha road &amp; 6 KM HBB at ward no 1,3,5,6 &amp; 9 of Razanagar union.</li> <li>2. 9 KM Kacha road &amp; 5 KM HBB at ward no</li> </ol>	From Nevember to January					

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	do &	How m	nuch	Coordination with development
No		_	е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
						%	%		%	
				2,5,6 & 8 of			%			
				Sawnirvar Rangunia						
				union.						
				3. 7 KM Kacha road & 6						
				KM HBB at ward no 2,5,6 & 8 of						
				Moriumnagar union.						
				4. 8 KM Kacha road & 3						
				KM HBB at ward no						
				1,3,5,7, 8 & 9 no						
				wards of Parua						
				union.						
				5. 8 KM Kacha road & 4						
				KM HBB at ward no						
				1,2,3,4,7, 8 & 9 no						
				wards of Pomra						
				union.						
				6. 4 KM Kacha road & 3						
				KM HBB at ward no						
				1,2,3,5,7 & 9 no						
				wards of Betagi union.						
				7. 5 KM Kacha road & 4						
				KM HBB at ward no						
				2,3,4,5, & 6 no wards						
				of Sarafbhatta union.						
				8. 5 KM Kacha road & 3						

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	do &	How m	uch	Coordination with development
No			е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
						%	%		%	
				KM HBB at ward no			70			
				2,3,4,5 & 6 no wards						
				of Shilok union.						
				9. 5 KM Kacha road & 3						
				KM HBB at ward no						
				1,2,3,4,7, & 8 no						
				wards of Padua						
				union.						
				10.7 KM Kacha road & 6						
				KM HBB at ward no						
				2,4,5,6, 7 & 9 no						
				wards of						
				Chandragona union.						
				11.7 KM Kacha road & 6						
				KM HBB at ward no						
				1, 2,3,4,5,6, 7 & 9 no						
				wards of Kodala						
				union.						
				12.5 KM Kacha road & 3						
				KM HBB at ward no						
				1, 2,4, 7 & 8 no wards						
				of Islampur union.						
				13.7 KM Kacha road & 6						
				KM HBB at ward no						
				1, 2,3,4,5,6, 7,8 & 9						
				no wards of						
				Dhakkinrazanagar						
				union.						

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	o do &	How m	nuch	Coordination with development
No			е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
						%	%		%	
				14. 7 KM Kacha road & 6			70			
				KM HBB at ward no						
				1, 2,3,4,5,6, 7 & 9 no						
				wards of Lalanagar						
				union.						
	Operate									
	emerge			Rangunia upazila	After disaster					
3	ncy	-	-							
	control									
	room.									
	Reapair				From Nov. To					
	& reconstr		1.50	Rangunia upazila	January					
4	uction	3	crore							
	of		s each							
	shelters									
				1. 1 on the katakhali		1				
			30	canal of 3,2,4,5 no						
			Lac.	wards of	From Nov. To					
5	Excavati	15 ca	Each	Moriumnagar union	January.					

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	do &	How m	uch	Coordination with development
No			е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
						%	%		%	
	on of	nals		& its length are 1.5			70			
	canals			KM.						
				2. 1 on the Longichara						
				canal of 1,2,3,8 & 9						
				no wards of Pomra						
				union & its length are						
				4 KM.						
				3. 1 on the Latichara						
				canal of 2 & 3 no						
				wards of Parua union						
				& its length are 5 KM.						
				4. 1 on the Katakhali						
				canal of 1,2 & 3 no						
				wards of Betagi						
				union & its length are						
				5 KM. 5. 1 on the Mahafuz						
				canal of 2, 3 & 8 no wards of						
				Chandragona union						
				& its length are 3 KM.						
				6. 1 on the Dhalai canal						
				of 4 & 5 no wards of						
				Lalanagar union & its						
				length are 2 KM.						
				7. 1 on the Chiring						
				canal of 1,3,5 & 7 no						
				wards of Sarafbhata						

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	do &	How m	uch	Coordination with development
No			е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
						%	%		%	
				union & its length are			70			
				7 KM.						
				8. 1 on the Ghagra						
				canal of 3,4, 6 & 7 no						
				wards of Islampur						
				union & its length are						
				7 KM						
				9.1 on the Ghagra						
				canal of 1 & 3 no						
				wards of Hosnabad						
				union & its length are						
				2.50 KM						
				10.1 on the Isamoti						
				canal of 1 & 3 no wards of						
				wards of Dhakkinrazanagar						
				union & its length are						
				3 KM						
				11.1 on the Isamoti						
				canal of 2,3,4,5,6 & 7						
				wards of Razanagar						
				union & its length are						
				3 KM.						
				12.1 on the Isamoti						
				canal from 1-9 no						
				wards of Sawnirbar						

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	do &	How m	uch	Coordination with development
No			е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
						%	%		%	
				Rangunia union &				•		
				its length are 5 KM						
				13.1 on the Dong canal from 1& 2 no wards						
				of Kodala union &						
				its length are 1 KM						
				14.1 in the 2,3 & 6 no						
				wards of Shilok						
				union.						
				15. There is a canal in						
				6,7,8 & 9 no wards of						
				Padua union.						
				Reexcavation is						
				important. There is one stream	From Nov.					
				called Boramai stream at	To January.					
				3,4,5,6,7,8 ,9 no wards of	5 5					
				Pomra union.						
			201.5.5	2. There is one stream						
6	digging of	5 Nos	30 Lac,	called Bainala stream at						
	stream		each	8 & 9 no wards of						
				Lalanagar union.						
				a = 1 .						
				3. There is one stream						
				called Kalichari stream						
				at 1 no ward of						

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	do &	How m	nuch	Coordination with development
No			е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
						%	%		%	
				Sarafbhata union. 4. There is one stream at 4,5,6 & 8 no wards of Shilok union. 5. There is one stream at 1,3 & 5 no wards of Padua union.			%			
7	Constructi on of Culverts	90 nos	10 Lac. Each.	<ol> <li>4 culverts at Razanagar union from 1 no ward to 9 no ward.</li> <li>3 culverts at Hosnabad union from 1 no ward to 9 no ward.</li> <li>7 culverts at Moriumnagar union from 1 no ward to 8 no ward.</li> <li>10 culverts at Parua union from 1 no ward to 9 no ward.</li> <li>6 culverts at Pomra union from 1 no ward</li> </ol>	From Nov. to January					

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	do &	How m	uch	Coordination with development
No		-	е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
						%			%	
				to 0 no word			%			
				to 9 no ward.						
				6. 6 culverts at Betagi						
				union from 1 no ward						
				to9 no ward.						
				7. 6 culverts at						
				Sarafbhatta union						
				from 1 no ward to 9						
				no ward.						
				8. 10 culverts at Shilok						
				union from 1 no ward						
				to 9 no ward.						
				9. 7 culverts at Padua						
				union from 1 no ward						
				to 9 no ward.						
				10.5 culverts at						
				Chandragona union						
				from 1 no ward to 9						
				no ward						
				11.5 culverts at Kodala						
				union from 1 no ward						
				to 9 no ward						
				12.8 culverts at Islampur						
				union from 1 no ward						
				to 9 no ward						
				13. 5 culverts at Dhakkin						
				razanagar union from						
				1 no ward to 9 no						
				ward.						

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	o do &	How n	nuch	Coordination with development
No			е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin. %	mm	%	0 %	
						70	%		70	
				14. 7 culverts at						
				Lalanagar union from						
				1 no ward to 9 no						
				ward.						
	Construct		20							
8	Constructi	20 nos	80 lakhs In	It is necessary to construct at all unions of	From Nov. to					
0	on of Clay Killa	20 1105	each	Rangunia upazila	January					
	KIIId		each	It is necessary to						
	Sanitation	12700	.22 Lac.	construct at all unions of	From Nov. to					
9	Cumation	nos.	Each	Rangunia upazila	January					
	Rain			Villages, wards & UP	From June to					
10	water	3000	.90 lac.		August					
10	harvesting	nos.	Each.		August					
	Tree		.15 lac.		From August					
11	Plantation	200 KM	/ KM	Villages, wards & UP	to September.					
	Diaster				After disaster	•				
12	Resilient	25000	60 lac.	Upazila	AILEI UISASLEI					
	Seeds /	Person		ομαζιια						
	crop									
	Training					1				
13	on	300		Upazila	After Disaster					

SI.	Activities	Targets	Probabl	Where to do	Probable date	Who to	do &	How m	uch	Coordination with development
No			е		for implement.	Upazila	Со	UP	NG	Plan
			budget			admin.	mm	%	0	
			Ũ			%			%	
							%			
	maintann	person	3 Lac.							
	ence of	•								
	Shelters									
	Shellers									

### 4<sup>th</sup> Chapter: Emergency Response

#### **4.1 Emergency Operation Center (EOC)**

An emergency operation center is organized during disasters at Rnagunia upazila. The center plays effective role in responding during disasters and coordinates with others. The center opens 24 hours. During this period the center collect data, examines data, inspect and manage resources.

The emergency operation center is organized in the office of PIO. In this center, a operation center, 1 control room and 1 communication cell operates. The name, designation and mobile no of responsible persons are exhibited in below table-

#### Ka) Upazila

SI. No	Name/Designation	Mamber	Mobile No
1	Md: Ali Shah, Upazila Chairman	President	01817-722985
2	Md: Saiful Islam Mazumdar	Vice-President	01716-147056
3	Debesh Chandra Das, PIO	Member Secretary	0155-042988
4	Md: Hasan Ali	Member	01819-387202
5	Md:Akhtarujjaman Afroz	Member	0302556013
6	Md: Maniruzzaman Molla	Member	0302556083
7	Md: Rafiqul Islam	Member	01722-239036
8	Md: Alfajur Rahman	Member	01718-442189

List of Rnagunia Upazila's Emergency Operation center

Kha) Center list of union emergency operation center committee in table below:

Designation Mobile No SI. No Name 1 Md: Selim President 01812-753277 Bikumar Barua 2 Member Secretary 01811-988439 3 Parveen Akhtar Member 01820-355749 Md. Saiful Islam 4 Member 01817-775653 5 Md: Samsul Alam 01710-950071 Member 6 Md: Harun Ur Rashid Member 01715-676870

List of Mariumnagar union's Emergency Operation center

#### List of Pomra union's Emergency Operation center

SI. No	Name	Designation	Mobile No
1	Md: Fazlul Karim	President	01812-624522
2	Ajit Talukdar	Member Secretary	01732-549182
3	Jubayda Begum	Member	01813-545521
4	Abu Taher	Member	01814-385865
5	Idris Miah	Member	01731-362533

List of Betagi union's Emergency Operation center

SI. No	Name	Designation	Mobile No
1	Peyarul Haq Chowdhury	President	01819-004858
2	Obaydul Akbar	Member Secretary	01819-416763
3	Khaleda Yasmin	Member	01823-509796
4	Mahmud Alam Chowdhury	Member	01817-782327
5	Syed Abul Mansur	Member	01817-201101

SI. No	Name	Designation	Mobile No
1	Majibul Islam Chowdhury	President	01824-994016
2	Sirajul Islam	Member Secretary	01814-307161
3	Hosne Ara Begum	Member	01831-779416
4	Mahbubur Alam	Member	01817-028396
5	Md: Ismail	Member	01811-271168

List of Sarafbhata union's Emergency Operation center

List of Lalanagar union's Emergency Operation center

SI. No	Name	Designation	Mobile No
1	Md: Shah Alam Talukdar	President	01819-672511
2	Jasu Prasad Chowdhury	Member Secretary	01816-484624
3	Kausar Parveen	Member	01811-503687
4	Abdus Sabur	Member	01818-193946
5	Nazim Uddin	Member	01812-665545
6	Mogibul Haque	Member	01812-880950
7	Nabab Shah Miah	Member	01817-755449

### List of Hosnabad union's Emergency Operation center

SI. No	Name	Designation	Mobile No
1	Mirza Nazim Uddin	President	01819-949057
2	Babu JisuPrasad Chowdhury	Member Secretary	01816-484624
3	Mohammad Ali	Member	01815-157810
4	Roxana Ara	Member	01814-395628
5	Abdul Khalek	Member	01814-328909
6	Mohammad Hossain	Member	01817-780522
7	Haidar Ali	Member	01814-772097

List of Islampur union's Emergency Operation center

SI. No	Name	Designation	Mobile No
1	Shirajudullah	President	01814-268922
2	Sajjad Iqbal	Member Secretary	01912-050433
3	Fazlul Karim	Member	01817-768298
4	Azizul Haque	Member	01816-828039
5	Samsun Nahar	Member	01849-598202

SI. No	Name	Designation	Mobile No
1	Md: Idris Azgar	President	01819-894575
2	Abdul Malek	Member Secretary	01812-564401
3	Abdus Samad	Member	01818-753539
4	Fazal Karim	Member	01819-626567
5	Azizul Islam	Member	01819-076080
6	Ush Chowdhury	Member	01815-698581
7	Anwara Begum	Member	01824-953070

List of Chandraghona union's Emergency Operation center

List of Kidala union's Emergency Operation center

SI. No	Name	Designation	Mobile No
1	Md: Nurul Azim	President	01812-755735
2	Sri Nitai Chakraborty	Member Secretary	01819-820401
3	Hosne Ara Begum	Member	01818-216299
4	Sri Prasad Das	Member	01819-844657
5	Md: Fazal Ahmed	Member	01812-025150

### List of Shanirbhor Rangunia union's Emergency Operation center

SI. No	Name	Designation	Mobile No
1	Md: Rahim Uddin Chowdhury	President	01813-331129
2	Babu Mintu Dutta	Member Secretary	01815-014937
3	Parimal De	Member	01831-526293
4	Tapas Chakraborty Lablu	Member	01819-889849
5	Suchana Nath	Member	01815-406342

#### List of Rajanagar union's Emergency Operation center

SI. No	Name	Designation	Mobile No
1	Md: Jamal Uddin Mostafa	President	01814-296812
2	Nitai Pada Talukdar	Member Secretary	01817-786229
3	Yasmin Akhtar	Member	01814-146004
4	Md: Ekramul Haque	Member	01816-088219
5	Rahima Akter	Member	01818-917563

ক্র. no.	Name	Title	Mobile no.
1	Alhazz Enamul Haque Miah	President	01819-949395
2	Md. Nezam Uddin	Member Secretary	01813-209440
3	Rupna Barua	Member	01815-232229
4	Yusuf Mian	Member	01818-432593
5	Md. Alamgir	Member	01815-856490

List of South Rajanagar union's Emergency Operation center

### **4.1.1 Operation of Emergency Control room:**

A control room is organized at the office of Upazial Nirbahi Officer during disasters. There is a register. Who, when will deliver their responsibilities is written in this register and what kind of massage is received and what kind of massage is send to whom is written in this register. A union based LGED MAL is kept in the room and various locations, roads for communication, khals and embankments etc is written in this MAP.

2 members of Upazila Disaster Management Committee (UzDMC) work in this control room by turns after just after occurrence of disasters and a police also present in this center. Responsible 3 people deliver their duties by turns and a 3 member voluntary team work 24 hours by turns. Full time contact is maintained through phone or mobile with Unions and district.

Just after the disasters, affected areas are identified in this MAP. It may be mentioned here that control room lacks some instrument like large torch light, gumboot, life jacket and raincoat etc.

# 4.2 Plan during disaster:

SI no	Activities	Unit	Target	When to do	Who do	Who to do	How to do	Communication
1	Keep ready to volentiars	Peopl e	15 Union in 4000	Feb. to March	UP Chairman	UzDM C & NGO & Public	Impart Training & material supply	Representative of Union & Upazila disaster management community
2	Micking of warning	Peopl e Numb er	15 Union 100%	Rescue of warning messages	Responsible volentaires	Rural police & Rural people	Through siren & dream	UDMC responsible representative
3	Ready to Boat/, Car/ Van	Numb er	15 Union of 60	Before disaster	Responsible person of Union Parishod	UP member	Preserve phone no of boat, car & van drivers	UDMC responsible representative
4	Conduct rescue operation	Peopl e Numb er	800 people	Before disaster	Responsible person of Union	People of Non- govt. organization & community	Through selecting few volunteers who are capable of rescue activities & using life saving devices	UzDMC 3 UDMC responsible representative
5	Primary Treatment	Numb er	15 team 15 Union	Before disaster	Responsible person of Union	People of Non- govt. organization & community	Keep communication with health center	Responsible person of Upazila health center
6	Collection of life saving medicine & keep prepared	Medic ine	450 people	Pre- disaster	Responsible person of UDMC	People of Non- govt. organization & community	Keep communication with health center	Communication with UzDMC & UDMC to the responsible person
7	Dry food,/pulse/ri ce & house building materials	1	g only dry food of 10 tons		Responsible person of UDMC	local busines community and non- governmental organizations people	Through collecting phone no & discation with community people & agencies that capable of provides foods	Communication with UzDMC & UDMC to the responsible person
8	Vacine of domestic animal	Medic ine (peopl e)	900	Pre- disaster & after disaster	Responsible person of Union	People of Community	Through discation with union responsible worker	Responsible agencies of UDMC & Upazila livestock officer
9	Shelter repairs	Numb er	3	Pre- disaster	Responsible person of Union	People of Non- govt. organization & community	Solve problems through informing responsible officers by visiting shelters directly	Communication with UzDMC & UDMC to the responsible person
10	Organize reharshall	Numb er	30	Pre- disaster	Responsible person of Union	People of Non- govt. organization & community	Volunteers reharshell in more vulnerable areas	Communication with UzDMC & UDMC to the responsible person
11	operate emergancy room	room	9	Pre- disaster	-	-	Preserve information for emergency room	Communication of district disaster management community

#### 4.2.1 Keep volunteers ready:

- Organize groups with leadership of UP members at ward level.
- Circulate information and warning message through volunteers
- Organize training for members of volunteers on different responsibilities like signaling, messaging, rescue, disposal and shelter management and risk reduction.

#### 4.2.2 Circulate warning massage:

- Ward UP members will circulate the warning message to every homes of all wards as his own responsibilities.
- Circulation of 5 no danger warning shloul be done through Miking at least once in one hour.

#### 4.2.3 Approch of removing community npeople

- Ward UP member will start removing people to shelters just after getting message of taking shelter to shelter centers through radio and TV.
- Miking should be started to take shelter of high risk people immediately after announcement of 8 no waring and volunteers will put pressure of taking sheler by moving house to house. They should be moved if necessary. People having risk must keep informed about their respective shelter.

#### 4.2.4 Rescue & Primary Medical service:

- This responsibility should be entrusted to the members of District and Upazila Disaster Management Committee of high risk areas.
- A permanent fund should be created under the supervision of District and Upazial Disaster Management Committee for rescue operation.
- Conduct and establish temporary rescue camp.
- Send ill person, aged, children and delivering pregnant women urgently to hospitals.
- Up members with the help of volunteers will put dead animals into grave and dead men to burials.

#### 4.2.5 Maintanence of Shelter centers:

- Keep cyclone centers ready after doing necessary repair before start of Disaster monsoon.
- Finalize the cyclone centers or safe centers during emergency.
- Ensure security of women, children, and disbled during disasters.
- Ensure safe drinking water and other services.

#### 4.2.6 Keep ready boats:

- DDMC and UzDMC will update the list of engines driven boats and make a selection for use during disasters.
- Boats owners will provide assistance to them.

#### 4.2.7 Need assessment of damages and send report:

- Send SOS for within 24 houres of disaster happening and 'D' form within 7 days to UP Chairman.
- UP Chairman will send compiled ward report to Chairmen of Upazila DMC within next 12 hours through UP secretary.

#### 4.2.8 Coordinate of relief activities:

- UP Chairman will coordinate all relief activities of different relief agencies.
- Maintain a register about the relief materials arrived and inform control room about the operating areas and groups working in those areas.

#### 4.2.9 Collect & keep ready dry foods and life saving medicines:

- Collect and procure dry foods like Chira, Muri from local hat/bazaars for prompt distribution.
- Collect rice, pulses, Ata, oil and house building meterials like Tin,, Perek, and nylon ropes from local Bazars.
- Prepare a list of necessary medicines with the help of Health assistant and Family Planing Assistant.

#### 4.2.10 Treatment/ Vacination of Domestic animals:

- Keep ready medicines at Union Parishad Bhaban or Health centers from upazila livestock office.
- Members of Union disaster Mannagemnent Committee (UDMCs) should be imparted training on Animal treatment.
- Experienced men must be involved in Animal treatment activity during disasters.

#### 4.2.11 Organize drill:

- Drills should be organized on warning, forcasting, removal, recovery, and management of primary relief operation.
- Disasters drills should be organized periodically in cyclone/ flood prone areas.
- Examine the strength of preparation through drills on April and May of each year with vulnerable communities.
- During drills focus should be given to move ill, disables, lactating mothers/ pregnant women and children towards shelters.
- Drills should be conducted in areas risky for disasters on how move people to shelters.

#### 4.2.12 Conduction of emergency control room:

- Emergency control rooms must be organized at unions/upazila/district offices just after disaster occurrence. Presence of Gram police members and 3/4 volunteers must be ensured by turns in these centers.
- Secretary of union Parishad and responsible person will be in duties of EOCs. Each team should consist of at least 3 members and 3 volunters will deliver duties at EOC by turns. UP secretary will supervise activities all the time.

#### 4.2.13 Shelters / safe places -

• Places which are safe from inundation during floods and away from river erosion can be used as Shelters.

Selected shelters, local schools and colleges, government and non-governmnet institutions, high road, and embankments can be used as shelters.

### 4.3. List and description of Safe Places in Rangunia Upazila -

Name of shelter center	Name	Name Union	power
	Kokania Govt. Pri. School	Parua	Almost 900 people
	Alia Moriumnagar Govt. Pri.	Moriumnagar	Almost 1000 people
	School		
	U: A Parua Govt. Pri. School	Parua	About 800 people
	Betagi Govt. Pri. School	Bethagi	Almost 900 people
	East Parua Govt. Pri. School	Rajanagar	Almost 1000 people
	Mirza Govt. Pri. School	Podua	Almost 850 people
	Jangor Aouth Govt. Pri. School	Hosnabad	Almost 900 people
School Cum Shelter	Mirza Emdad Govt. Pri. School	Hosnabad	Almost 1000 people
	Aouth Sayed Bari Sufia Govt. Pri. School	Moriumnagar	Almost 850 people
	Khalilur Rahman Govt. Pri. School	Sharafbhata	People 900
	Maij Para Govt. Pri. School	Pomra	almost 750 people
	Sayer Khil Govt. Pri. School	Sharafbhata	About 800 people
	Shegunbagicha Govt. Pri. School	Hosnabad	Almost 900 people
	Kanurkhil Govt. Pri. School	Hosnabad	Almost 850 people
	Jangir Nischintapur Govt. Pri. School	Hosnabad	Almost 950 people
	Mirza Emdad Govt. Pri. School	Hosnabad	Almost 900 people
	Kahlilur Govt. Pri. School	Hosnabad	Almost 850 people
	Khalilur Rahman Govt. Pri. School	Sharafbhata	Almost 900 people
	Maizpur para Govt. Pri. School	Pomra	Almost 950 people
	Kanurkhil Govt. Pri. School	Sharafbhata	Almost 1000 people
	Betagi Parishad	Betagi	Almost 2000 people
	Rajanagar Parishad	Rajanagar	Almost 2000 people
	Padua Parishad	Podua	Almost 2000 people
Union Parishad	Kodala Parishad	kodala	Almost 2000 people
	Mariumnagar Parishad	Mariumnagar	Almost 1000 people
	Sarafbhata Parishad	Sarafbhata	Almost 850 people
	Shilik Parishad	Shilik	Almost 900 people

### List of safe places during disasters

### 4.4 Formation of Disaster Management Committee of Shelter

Disaster management of shelters is an important part.

- During disaster save lives and property
- During disaster save livestock
- Shelter center and maintenance to make sure

Shelter	Name of shelter center	Responsible person	Mobile no.
Cemter	Kanurkhil Govt. Pri. School	Abdul Motaleb Nizami	01826-064033
	Brakthar Matabar Govt. Pri.	Golam Faruk	01820-004033
	School	Golam Farak	01810-037400
	Faraspara Govt. Pri. School	Atul Chandra Nath	01813-446502
	East Sahabi Nagar Govt. Pri.	Monurullah	01849-626040
	School		
	Kokania Govt. Pri. School	Ajmal Khan Nizami	01812-776689
School cum	Alia Moriumnagar Govt. Pri.	Azmal Khan Nizami	01197-198578
Shelter	School		
	Pomra Govt. Pri. School	Sriti Rani Dutta	01812-631872
	Betagi Govt. Pri. School	Jahurul Haque	01824-373926
	Rafiq Mia Govt. Pri. School	Farhana Islam	01822-909440
	Didphukhuria Govt. Pri. School	Mukul Roy Chowdhury	01820-281006
	Jangor South Govt. Pri. School	Altaf Hossain	01815-681377
	Mirza Emdad Govt. Pri. School	Kamrul Hasan	01817-260755
	Syed home Govt. Pri. School	Ichak Hossen Nizami	01816-725079
	Khalilur Rahman Govt. Pri.	Qazi Nazim Uddin	01812-132897
	School		
	Maij Govt. Pri. School	Salahuddin Mahmud	01818-568394
	Kanirkhil Govt. Pri. School	Ahmed Sobhan	01818-524014
Shelter	There are 3 cyclone center in	During disaster consists	-
Center	this Upazila	of management	
		committee	
		Mohammad Shaukat Ali	01819-973782
	Shanirbhar Rangunia	Mohammad Rahim	01813-331129
Building U P		Uddin Chowdhury	
	Mariumnagar	Md. Salim Uddin	01812-753277
	Sharafbnhata	Chowdhury Md. Majibul	01824-994016
		Islam	
	Chandraghona	Md. Idris azgar	01819-894575
	Pomra	Md. Fazlul Karim	01812-624522

Infrastructure / resources	Number	Choose	As a brief
shelters	3		Almost all items are in
Godown	03		damaged condition.
egaphone	1 set		
Wireless	1	Responsibilities are given	Cyclone shelters have been useless and
Life Jacket	There is no	instantly.	unprotected.
Gamboot	There is no		unprotected.
Sirens	1		
Helmet	There is no		
By Cycling	There is no		
Torch light	There is no		
Appron	There is no		
Flagstand ( with flag)	There is no		
Engine driven boats	There is no		
Rescue tool boxs	There is no		
Wireless sets	1		
Strechers	There is no		
Mikes	1		
Radios	1		
First AID Box	1		
Tables	2		
Chairs	5		
Almirah	1		
Flagstand ( with flag)	1	]	

# 4.5 List of Upazila resources that can be used during disasters-

### 4.6 Financing/Funding:

The income of union parisheds comes from local tax, lease of hat/ bazaars and issuing of trade license of some specific business. But Union Pradshad has no authority to lease large hat/Bazars and Khall / Bills. But now government transfers 1% tax to union parishads from land registration.

Type of source		Annual income													
	Mariumna gar	Pomra	Parua	Betagi	Shanirbhar Rangunia	Hisnabad	Lalanagar	Islampur	Rajanag ar	South Rajanaga r	Chandr aghona	kodala	Shilok	Sharafbh ata	Podua
Annual residential house tax	45000	-	-	52430	200000	115580	220000	9990	85365	51340	28600	50000	-	32, 000	-
By the license and license issue fees for permits	13000	-	-	28300	149000	30000	12000	40975	40410	51400	99250	25000	27000	-	46, 000
For the lease (, Market, Ghat, ponds, etc)	-	-	-	-	-	-	-	-	33795 0	32000	-	, 8500	-	50, 000	-
Income property	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Fund of Union	-	-	-	-	5000	150000	-	47583	-	479873	21362	221000	-	38, 000	50, 000
Others	-	-	-	-	-	-	-	-	-	-	-	-	100000	-	-

(a) Own Resources: (Union Kar, rate and Fees)

### (b) Government donation:

						Anr	nual incor	ne							
Type of source	Marium nagar	Pomr a	Parua	Betagi	Shanirbh ar Ranguni a	Hisnaba d	Lalanaga r	Islampur	Rajanagar	South Rajanagar	Chandra ghona	kodala	Shilok	Sharafbha ta	Podua
Allowance of Chairman	160000	-	-	155700	330000	160000	330000	330000	267000	330000	330000	121500	330000	257900	278000
& Mambers															
Salary of secretary &	205200	-	-	310000	600000	310000	310000	600000	205200	310000	568800	343200	-	330000	-
other workers															
Developing fund of repearing road/L.G. S.P	921167	-	-	123242 8	130000 0	102298 1	850000	105404	-	1504624	212046 7	940000	300000	256000	300000
1% of Land	667555	-	-	917027	700000	825595	700000	495791	541533	778235	811380	900000	700000	1200000	900000
Construction and home repair, the development Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

### c) Local Government:

						Anr	nual incor	ne							
Type of source	Marium nagar	Pomr a	Parua	Betagi	Shanirbh ar Ranguni a	Hisnaba d	Lalanaga r	Islampur	Rajanagar	South Rajanagar	Chandra ghona	kodala	Shilok	Sharafbha ta	Podua
Upazila Parishad	-	-	-	550000	280000	550000	100000	include 500,000 (	2074590	720250	604000	110000 0	-	-	-
District Council	-	-	-	-	690000	-	700000	-	-	-	-	-	-	-	-

### (d) Developing non-govt. organization:

						Anı	nual incor	ne							
Non-govt developing organization	Marium nagar	Pomr a	Parua	Betagi	Shanirbh ar Ranguni a	Hisnaba d	Lalanaga r	Islampur	Rajanagar	South Rajanagar	Chandra ghona	kodala	Shilok	Sharafbha ta	Podua
CDMP	-	-		-	-	-	-	-	-	-	-	-	-	-	-
ADP	-	-		420762	230000	-	400000	326182	-	339184	-	450000	-	3, 00, 000	-

# 4.7 Update & review work Plan-

S.I No		Name		Designation	Member	Mobile No
1	Md: Ali Shah			Upazila Chairman	President	01817-722985
	Md:	Saiful	Islam	Upazila Nirbahi Officer	Vice-	01716-147056
	Mazumdar				President	
2	Debesh	n Chandra	a Das	Project Implementing	Member	0155-042988
				Officer	Secretary	
3	Md: Hasan Ali			Engineer, LGED,	Member	01819-387202
4	Md: Rafiqul Islam			Co-operative Officer,	Member	01722-239036
5	Md: Alfajur Rahman			Social Service Officer	Member	01718-442189

# 5<sup>th</sup> Chapter: Rescue & Rehabilitation Plan

### 5.1 Assessment of damage:

Sectors	Description
	The amount of total firm land is about 3070 acres Aman, Aus, Boro, and
	Robi crops and cultivation of Guava and vegetables can badly be affected if
Agriculture	a flood similar to 1991 occures ot hits this upazila. About 1560 acres crop
	can be damaged each year by hilly water onrush. Partly damage of 1500
	acres crop is occurred by tornados. About 1240 acres crop can be damaged
	by Flood. Soil fertility is decreasing day by day. About 1130 acres crop can
	be affected if a draught. About 1210 acres crop can be affected if a major water logging in this upazila.
	Fishes of about 1442 ponds are flown away if a flood hits the Upazila. Fishes
Fisheries	of about 210 ponds out of 1800 ponds are washed away if a tornedo/water
	logging/flood in the upazila. About 60-65 ponds ponds are affected by drought.
	People of about 5100 families can be affected with various diseases. 5100
Health	families are being affected by draught/water logging/flood/land slide etc. In
	addition, Water scarcity is found due to lowering of underground water of
	tube wells during dry monsoon.
	About 10730 farmers, 46530 day labourers lost employment due to flood. In
	addition, goods of 250 small and large shops are damaged. About 62590 day
Livelihoods	labourers lost their employment due to tornedo. In addition drought takes
	away employment of 31200 day lobourers and 62400 farmers. Besides 3980
	fishermen directly or indirectly affected by drought/flood.
Sanitation	There are a total 76831 latrines at Rangunia upazila. 29020 are Pucca and
	47801 are Kacha. About 29020 latrines can be affected if a flood occurs.
	About 9300 latrines can be affected by tornedo.
Lafaa ataa ataa a	About 85 KM Kacha road & HBB road 62 km. out of total 404 KM, inundation
Infrastructure	of 28700 homes out 79189 homes, 16 educational institutions out 228 , 12
	Hatbazars out of 38 Hatbazars, 29020 Kacha homes out of 79189 homes
	and 45 culverts can be affected by floods, land Slide, tornedo & water
	logging.

### 5.2 Early Recovery:

### 5.2.1 Re-establishment of Administration

S.L No.	Name	Designation	Member
01	Md: Ali Shah	Upazila Chairman	01817-722985
02	Md: Saiful Islam Majumder	Upazila Nirbahi Officer	01716147056
03	Debasis Chandra Das	Project Implementing Officer	0155-042988
04	Prabir Barua	Upazila Accounts Officer	01816-439907
05	Md: Hasan Ali	Engineer, LGED	01811-387202
06	Md: Maniruzzaman Molla	Upazila Education Officer	0302556028

### 5.2.2 Cleaning of Garbage:

S.L	Name	Designation	Member
No.			
01	Md: Ali Shah	Upazila Chairman	01817-722985
02	Md: Saiful Islam Majumder	Upazila Nirbahi Officer	01716147056
03	Debasis Chandra Das	Project Implementing Officer	0155-042988
04	Prabir Barua	Upazila Accounts Officer	01816-439907
05	Md: Hasan Ali	Engineer, LGED	01811-387202
06	Md: Maniruzzaman Molla	Upazila Education Officer	0302556028

### 5.2.3 Resumes of Public Services:

S.L	Name	Designation	Member
No.			
01	Md: Ali Shah	Upazila Chairman	01817-722985
02	Md: Saiful Islam Majumder	Upazila Nirbahi Officer	01716147056
03	Debasis Chandra Das	Project Implementing Officer	0155-042988
04	Prabir Barua	Upazila Accounts Officer	01816-439907
05	Md: Hasan Ali	Engineer, LGED	01811-387202
06	Md: Maniruzzaman Molla	Upazila Education Officer	0302556028

# 5.2.4 Emergancey Livelihood Assistance:

S.L	Name	Designation	Member
No.			
01	Md: Ali Shah	Upazila Chairman	01817-722985
02	Md: Saiful Islam Majumder	Upazila Nirbahi Officer	01716147056
03	Debasis Chandra Das	Project Implementing Officer	0155-042988
04	Prabir Barua	Upazila Accounts Officer	01816-439907
05	Md: Hasan Ali	Engineer, LGED	01811-387202
06	Md: Maniruzzaman Molla	Upazila Education Officer	0302556028

### Annexure 1

Check List for Implementation of Paln -

Sl no.	subject	YES/NO
1.	Call to start publicity of danger calling member of volunteers selected for miking of warning.	Yes
2.	Whether formation or organized or responsible person has been done to rescue people of vulnearable areas.	Yes
3.	Whether publicity has been made to keep dry foods and safe drinking water for 2/1 days beneath soil.	Yes
4.	Life jakets for the security of volunteers members have been supplied	Yes
5.	Necessary manpower have been deployed to keep control room runing till the time.	Yes
6.	Necessary security for union food godwon/relief godawn are in place.	Yes
7	Others	

- The checklist for the various faults can be seen in the field will be reconstructed to take steps.
- By Union Council or any source of fund volunteers from members of the team for special needs life jacket collection.

#### Checklist

• Every year on April 15 the date/month of May between disaster Union Management Committee meeting the discussion below: fill in the following table: list the Executive Officer of the sub-district and will be sent to the district magistrate.

SL no.	subject	Signs of its proper
		place
1	Union food store there is an adequate amount of storage?	No
2	It is risky for thechildren vaccines/vaccine has been given?	Yes
3	1 and 6 when the mother and children have been fed on vitamin K?	Yes
4	Up clinic hospitals are presive in Salain?	Yes
5	The annual volunteer training has been given to members?	No
6	For the shelter to primary treatment is medicine equipment	No
7	As for the shelter to Rural Doctors are present in the area	No
8	There are tube-wells to center shelter in	No
9	To center shelter in doors and windows there are right	No
10	As for shelter to the center for alternative care taker?	Yes
11	Shelter for women to the center there is a separate system for	No
12	To prenancy center shelter in women elected to local midwife to care for	No
	There are area	
13	cows and goats for the position of high places or has been determined	No
	for the emphasized reforesting	
14	The responsibility of members of the party have been aware about	Yes
15	At shelter installations/latrin there is.	No
16	The weather broadcast and danger signal necessary for developed	Yes
	speaker microphone incredible pixel there is.	
17	At least 2 or 1 days of taking only dry food, drinking water, to be alert to	Yes
	the people has been to?	
18	Others	

Sl.no	Name/Designation	Member	Mobile No
1	Upazila Chairman, Rangunia	President	01817-722985
2	Upazila Nirbahi Officer, Rangunia	Vice-President	01716-147056
3	Mayor, Rangunia	Member	0302556212
4	Vice-Chairman, Famale, Rangunia	Member	01812-498601
5	Vice-Chairman, Male, Rangunia	Member	01815-510229
6	Assistant Commissioner (land )	Member	01716-147056
7	Project Implementation Officer	Member Secretary	0155-042988
8	Chairman, Podua Union	Member	01819-821178
9	Chairman, Shilik Union	Member	01819-522067
10	Chairman, Sharafbhata Union	Member	01824-994016
11	Chairman, Rajanagar Union	Member	01814-296812
12	Chairmanl, South Rajanagar	Member	01819-949395
13	Chairman, Shanirbhar Rangunia	Member	01710-521732
14	Chairman, kodala Union	Member	01812-755735
15	Chairman, Pomra Union	Member	01812-624522
16	Chairman, Parua Union	Member	01819-076579
17	Chairman, BetagiUnion	Member	01819-004858
18	Chairman, Mariumnagar Union	Member	01812753277
19	Chairman, Lalanagar Union	Member	01819-672511
20	Chairman, Chandraghona Union	Member	01819-894575
21	Chairman, Hosnabad Union	Member	01819-949057
22	Chairman, Islampur Union	Member	01874-268944
23	Upazila Health Family Planning Olfficer	Member	-
24	Upazila Education officer, Rangunia	Member	0302556083
25	Sub-district Engineer, of Rangunia	Member	01819-387202
26	Upazila resource Officer, Rangunia	Member	01720-958414
27	Upazila Agricultural Officer	Member	0302556013
28	Upazila fishery Officer, Rangunian	Member	01722-239036
29	Upazila Social Services Officer, Rangunia	Member	01718-442189
30	Upazila food controller, Rangunia	Member	-
31	Upazila Police Station Officer-in-charge,	Member	01713-373642
	Rangunia		
33	Upazila Youth Development Officer, Rangunia	Member	01914-140289
34	Upazila Election Officer, Rangunia	Member	0302556020
35	Upazila co-operative Officer, Rangunia	Member	0302556103
36	Upazila secondary education officer, Rangunia	Member	0302556028
37	Upzila Womens Affairs Officer	Member	01711-271031
39	station fire under control officer, Rangunia	Member	01812-544877
40	Upazila Aacademic supervisors, Rangunia	Member	01718-161825
41	Commander in Miktijodha Sangshad	Member	-
42	Upazila Accounts Officer	Member	01816-439907

### Annuxer 2 List of Upazila Disaster Management Committee

### Annuxer 3

### Unio wise list of Volunteers-

Sl. :no.	Name	Ward No.	Training	Mobile no.
01	Jamal Hossain	1	Micking of signal	01855-743800
02	Nasima Akhtar	1	Rescue	01829-047559
03	Know Alam	2	Rescue assistance	01825-749267
04	Lucky Akhtar	2	Warning assistance	01829-970839
05	Md: Deedar	3	Primary treatment	01837-476216
06	Khajida Begum	3	Primary treatment	01846-504116
07	Nur Ahmed	4	Relieve assistance	01824-988431
08	Radharani Nath	4	Shelter	01813-363230
09	Md: Mohsin	5	Shelter assistance	01831-463565
10	Akhtar Banu	5	Relieve	01812-683572
11	Md: Liton	6	Primary treatment	01815-884665
12	Samsun Nahar	6	Relieve	
13	Mansur Alam	7	Micking of signal	01850-174333
14	Nasima Begum	7	Shelter	01831-440893
15	Kalam	8	Rescue	01856-850101
16	Praima Barua	8	Shelter	01831-117792
17	Md: Rafiq	9	Rescue	01815-143676
18	Manowara Begum	9	Primary treatment	01845-115504

#### List of Volunteers of Parua Union

Sl. :no.	Name	Ward No.	Training	Mobile no.
01	Md: Farooq	1	Micking of signal	01830-481848
02	Sita Rani Uddin	1	Rescue	01817-782327
03	Syed Helal Uddin	2	Rescue assistance	01815-660854
04	Hosne Ara Begum	2	Warning assistance	01823-184367
05	Shahadat Hossain Chou:	3	Primary treatment	01814-384948
06	Jolekha Begum July	3	Primary treatment	01823-528199
07	Md: Javed	4	Relieve assistance	018177-82327
08	Rajia Begum	4	Shelter	01823-691845
09	Md. Alauddin	5	Shelter assistance	01824-977970
10	Khaleda Begum	5	Relieve	01817-782327
11	Md: Aziz	6	Primary treatment	01823-763352
12	Kusum Akhtar	6	Relieve	01828-971285
13	Abdul Kader	7	Micking of signal	01834-789095
14	Rozina Begum	7	Shelter	01850-315501
15	Mahbub	8	Rescue	01846-442608
16	Minu Ara Begum	8	Shelter	01828-771928
17	Shamim Akter	9	Rescue	
18	Kazi Nazim Uddin	9	Primary treatment	01817-772220

## List of Volunteers of Batagi Union

## List of Volunteers of Lalanagar Union

Sl. :no.	Name	Ward No.	Training	Mobile no.
01	Md. Rafiqul Islam	1	Micking of signal	01818-624124
02	Rokeya Begum	1	Rescue	01824-611225
03	Md: Yunus	2	Rescue assistance	01815-479092
04	Sufia Begum	2	Warning assistance	01830-082165
05	Md: Alamgir	3	Primary treatment	01820-019411
06	Syeda Fatema Begum	3	Primary treatment	01818-193946
07	Liton Nath	4	Relieve assistance	01861-695984
08	Jaheda Begum	4	Shelter	01851-039561
09	Shiblu Kumar Nath	5	Shelter assistance	01826-583656
10	Rinku Rani Nath	5	Relieve	01863-927619
11	A.C.M Enamul	6	Primary treatment	01819-633474
12	Sanowara Begum	6	Relieve	01851-727345
13	Abdul Salam!	7	Micking of signal	01815-750953
14	Manowara Begum	7	Shelter	01817-755449
15	Samsul Alam	8	Rescue	01856-607348
16	Shilpi Rani Nath	8	Shelter	01820-332109
17	Ehasan	9	Rescue	01815-655461
18	Josna Akhtar	9	Primary treatment	01819-357908

Sl.:no.	Name	Ward No.	Training	Mobile no.
01	Md: Alam	1	Micking of signal	
02	Sanowara Begum	1	Rescue	
03	Sakher Mahmud	2	Rescue assistance	01825-033689
04	Zobaida Begum	2	Warning assistance	01813-545521
05	Abul Kasem	3	Primary treatment	01731-362533
06	Rokeya Begum	3	Primary treatment	01830-553639
07	Jahangir Alam	4	Relieve assistance	01812-581060
08	Rita Barua	4	Shelter	01811-988415
09	Md. Akbar	5	Shelter assistance	01839-924503
10	Akhtar,	5	Relieve	01831-955362
11	Md. Rubel	6	Primary treatment	01835-536261
12	Hosne Ara	6	Relieve	
13	Nurul abchhar	7	Micking of signal	01737-684454
14	Bibi Hajera	7	Shelter	01832-670521
15	Md. Farid	8	Rescue	01830-042663
16	Diluara Begum	8	Shelter	01814-240628
17	Amjad Hossain	9	Rescue	01839-241331
18	Sansun Islam Nahar	9	Primary treatment	

#### List of Volunteers of Pomra Union

## List of Volunteers of Sharafbhata Union

Sl.:no.	Name	Ward No.	Training	Mobile no.
01	Abdul Mannan	1	Micking of signal	01819-320859
02	Kohinur Akhtar	1	Rescue	01815-880791
03	Abdul Sukur	2	Rescue assistance	01817-733636
04	Ruby Akhtar	2	Warning assistance	01812-672961
05	Md. Sohail Arman	3	Primary treatment	01812-742004
06	Najma Akhtar	3	Primary treatment	01829-570484
07	Joynal Abedin	4	Relieve assistance	01815-527283
08	Khadija Begum	4	Shelter	01834-180086
09	Md. Riad	5	Shelter assistance	01840-081111
10	Sumi Akhtar	5	Relieve	01813-802059
11	A. Karim	6	Primary treatment	01815-880790
12	Nasima Akter	6	Relieve	01831-619173
13	Md. Iqbal	7	Micking of signal	01815-407930
14	Kamrunnahar Siuli	7	Shelter	01811-939669
15	Ariful Islam	8	Rescue	01823-829731
16	Afroza Begum	8	Shelter	
17	Saifuddin	9	Rescue	01815-509672
18	Aleya Begum	9	Primary treatment	01813-212140

Sl.:no.	Name	Ward No.	Training	Mobile no.
01	Md. Bedar	1	Micking of signal	01815-716168
02	Md. Kabir Ahmed	1	Rescue	01823-152359
03	Haidar Ali	2	Rescue assistance	01822-231038
04	A. Rashid	2	Warning assistance	01818-767115
05	Md. Ismail	3	Primary treatment	01815-002567
06	Md. Karim	3	Primary treatment	01815-661785
07	Md. Amir Ali	4	Relieve assistance	01831-867400
08	Md. Jasimuddin Chowdhury	4	Shelter	01818-810500
09	Shamsuddin Ahmed	5	Shelter assistance	01812-773660
10	Noor Alam	5	Relieve	01845-400434
11	Md. full-fledge Mia	6	Primary treatment	01813-920507
12	Hajera Begum	6	Relieve	01820-280239
13	Jaytun Nur	7	Micking of signal	01828-945763
14	Anwar Hossain	7	Shelter	
15	Md. Yusuf	8	Rescue	01830-777326
16	Ajit Shah	8	Shelter	01823-879408
17	Noorunabi	8	Rescue	01828-054700
18	Amin Sharif	9	Primary treatment	01817-792971

#### List of Volunteers of Hosnabad Union

#### List of Volunteers of Kodala Union

Sl.:no.	Name	Ward No.	Training	Mobile no.
01	Abul Fayez Ansari	1	Micking of signal	01817-331582
02	Nilu Shil	1	Rescue	01821-394203
03	Md. Jamir Ahmed	2	Rescue assistance	01819-513071
04	Md. Lokman	2	Warning assistance	01817-250877
05	Md. Rahmat	3	Primary treatment	01819-918217
06	Md. Belal	3	Primary treatment	01833-086531
07	Md. Momtazul Haque	4	Relieve assistance	01812-884865
08	Abul Kasem	4	Shelter	01825-399356
09	Sree Kankon Roy	5	Shelter assistance	01832-580369
10	Mr. Shufhansan	5	Relieve	01816-117636
11	Mrs. Jannatul Ferdous	6	Primary treatment	01831-461781
12	Kahai Shankar	6	Relieve	01830-483599
13	Apurba Bauri	7	Micking of signal	01826-203992
14	Liton Turi	7	Shelter	01812-548631
15	Md. Azgar	8	Rescue	01818-141317
16	Md. Abul Basor	8	Shelter	01820-525261
17	Md. Idris Alam	8	Rescue	01838-457223
18	Md. Mahtab	9	Primary treatment	01670-570041

Sl.:no.	Name	Ward No.	Training	Mobile no.
01	Altab Ali	1	Micking of signal	01813-272189
02	Abdul Malek	1	Rescue	01814-154325
03	Md. Sona Mia	2	Rescue assistance	01812-608667
04	Kidanang Chakma	2	Warning assistance	0155-7436976
05	Kamal	3	Primary treatment	01823-468341
06	Baby Akhtar	3	Primary treatment	01812-195020
07	Md. Hasmat Ali	4	Relieve assistance	01814-305024
08	Md. Iqbal Hossain	4	Shelter	01845-768858
09	Md. A.Chhattar	5	Shelter assistance	01829-329913
10	Ahmed Noor	5	Relieve	01815-620293
11	Azim Uddin	6	Primary treatment	01857-208070
12	Raihan Uddin	6	Relieve	01837-835580
13	Nuruli Abchhar	7	Micking of signal	01811-808567
14	Zia-ul-Haque	7	Shelter	01815-185417
15	Nazim	8	Rescue	01820-525487
16	Hanif	8	Shelter	01823-028275
17	Obaidul Alam	8	Rescue	01828-947484
18	Sharfuddin	9	Primary treatment	01811-865017

## List of Volunteers of Islampur Union

## List of Volunteers of Chandraghona Union

Sl.:no.	Name	Ward No.	Training	Mobile no.
01	Nur Mohammad	1	Micking of signal	01815-508783
02	Tapan De	1	Rescue	01819-930818
03	Sudhir Voiced	2	Rescue assistance	01820-083080
04	Abdullah	2	Warning assistance	01724-937248
05	Abul Kalam Azad	3	Primary treatment	01818-132430
06	Abdul Kader	3	Primary treatment	01814-317285
07	Nur Islam	4	Relieve assistance	01813-176267
08	Pervez	4	Shelter	01820 and 00257
09	Parimal Das	5	Shelter assistance	01836-927183
10	Ilias Kachan	5	Relieve	01837-719344
11	Abul Mansur	6	Primary treatment	01827-555985
12	Enam	6	Relieve	01815-948114
13	Karim	7	Micking of signal	01815-852460
14	Shekhor Biswas	7	Shelter	01815-818276
15	Joynabo Begum	8	Rescue	01824-977113
16	Musa	8	Shelter	01819-509979
17	Sajal Biswas	8	Rescue	01819-894620
18	Md: Harun	9	Primary treatment	01814-349611

Sl. no.	Name	Ward No.	Training	Mobile no.
01	Shyamal Dutta	1	Micking of signal	01815-345119
02	Md. Yusuf	1	Rescue	01815-804551
03	Md. Safi	2	Rescue assistance	01822-231177
04	Hasina Begum	2	Warning assistance	
05	Md. Badsha	3	Primary treatment	01850-369897
06	Md. Kasem	3	Primary treatment	01829-050285
07	Rajib De	4	Relieve assistance	01814-885654
08	Ashis	4	Shelter	01824-880421
09	Batan Kar	5	Shelter assistance	01812-532097
10	Sambhu Das	5	Relieve	01813-402370
11	Abul Basar	6	Primary treatment	01812-960715
12	Md. Nizam Uddin	6	Relieve	01818-350651
13	A.Rahman	7	Micking of signal	01682-590649
14	Rasu De	7	Shelter	01813-228603
15	Pridorsy Saha	8	Rescue	01822-880865
16	Titu SEN	8	Shelter	01818-999497
17	Mohammad Ali	8	Rescue	01814-938836
18	Md. Yunus	9	Primary treatment	01821-089014

## List of Volunteers of Shanirbhar Rangunia Union

## List of Volunteers of Rajanagar Union

SI.	Name	Ward No.	Training	Mobile no.
:no.				
01	Md: Amal Suleiman	1	Micking of signal	01816-575919
02	Anwar	1	Rescue	01828-855847
03	Noor Nabi	2	Rescue assistance	01814-966231
04	Selim	2	Warning assistance	01820-309548
05	Halima Begum	3	Primary treatment	01828-861868
06	Md: Tayeb	3	Primary treatment	01840-217282
07	Md: Kabir	4	Relieve assistance	01830-777437
08	Md: Ekramul Haque	4	Shelter	01816-088219
09	Azgar Ali	5	Shelter assistance	01827-423122
10	Manik	5	Relieve	01812-861506
11	Sohail Chowdhury	6	Primary treatment	01815-472672
12	Raja Mia	6	Relieve	01812-581152
13	Farooq	7	Micking of signal	01819-512999
14	Ishaq Alako	7	Shelter	01859-562345
15	Rokeya Begum	8	Rescue	01813-213023
16	Md. Alam	8	Shelter	01820-500207
17	Ali Ahmed	8	Rescue	01820-902965
18	Ershad	9	Primary treatment	01817-235071

Sl. no.	Name	Ward No.	Training	Mobile no.
01	Abdul Monnaf	1	Micking of signal	01812-979316
02	Badiul Alam	1	Rescue	01812-347319
03	Md: Bacha	2	Rescue assistance	01820-242338
04	Mahram Mia	2	Warning assistance	01814-131022
05	Nasir	3	Primary treatment	01812-846061
06	Abdur Rashid	3	Primary treatment	01824-572553
07	Shamsul Alam	4	Relieve assistance	01813-928101
08	Farooq Ahmed	4	Shelter	01816-200734
09	Kamal Uddin	5	Shelter assistance	01819-819714
10	Roushan Khatun	5	Relieve	01815-676025
11	Fatema Begum	6	Primary treatment	01826-124832
12	Khokon	6	Relieve	01815-853604
13	Kader	7	Micking of signal	01824-157312
14	Abdur Rahman	7	Shelter	01859-198614
15	Abdur Shukkur	8	Rescue	01843-403637
16	Farid	8	Shelter	01831-192107
17	Kalu Mia	8	Rescue	01823-731961
18	Mian Zafar	9	Primary treatment	01828-724608
19	Rabija Begum	9	Micking of signal	01826-124832

## List of Volunteers of South Rajanagar Union

### Annuxer 4

The Center shelter name	Choose	Mobile no.
Kanurkhil Govt. Pri. School	Aziz	-
Brakthar Matabar Govt. Pri. School	Jalal	-
Faraspara Govt. Pri. School	Mansur	01827-555985
East Sahabi Nagar Govt. Pri. School	Janaba Begum	01824-977113
Kokania Govt. Pri. School	Abdullah	01824-937248
Alia Moriumnagar Govt. Pri. School	Idris Azgar	-
Pomra Govt. Pri. School	Nurul Islam	-
Betagi Govt. Pri. School	Kabir Ahmed	-
Rafiq Mia Govt. Pri. School	Fazal Karim	-
Didphukhuria Govt. Pri. School	Usha Chong	-
Jangor South Govt. Pri. School	Abubakkar	01816-281979
Mirza Emdad Govt. Pri. School	llias	01831-526072
Syed home Govt. Pri. School	Abdul Kader	-
Khalilur Rahman Govt. Pri. School	Abul Kalam Azad	-
Maij Govt. Pri. School	Yasin	-
Kanurkhil Govt. Pri. School	Rahman Saodagar	-
Brakthar Matabar Govt. Pri. School	Nurul Islam	01815-648100
Faraspara Govt. Pri. School	Khurshed Ali	01814-985872
East Sahabi Nagar Govt. Pri. School	Nurul Islam Bacha	01811-149128
Kokania Govt. Pri. School	Alamgir Hossain Talukdar	-
Alia Moriumnagar Govt. Pri. School	Azim Uddin	-
Pomra Govt. Pri. School	Eskandar	-

## List of Shelter Management Committee in table below:

#### Health Management Committee

#### List of health management committee in the table below:

Health Center	Responsible Person	Mobile No
Upazila Health Center	Md. Ali Shah	01817-722985
	Md. Saiful Islam Mazumdar	01716-147056
	Dr. Abu Tayub	-
	Debash Chandra Das	01812-544877

#### Fire Safety Committee:

Fire Safety Committee list of Rangunia Upazila in the table below

Name fire station	Choose	Mobile no.
Fire Service Station &	Upazila Chairman	01817-722985
Civil Defense	UNO	01716147056
	Dr. Harun Or Rashid	01812-544877
	PIO	0155-042988

Local Businessmen:

Name of person engased in various business in Rangunia upazila.

Name Union/Ward	Businessman name	Mobile no.
	Rahat Hossain	01818-338777
	Abu Tahar	01817-233139
Pomra Union	Md: Rasel	01815-596431
	Ershad	01824-421243
	Md: Harun	01715-809943
	A: Mr. Jabbar	01817-765254
Damia Union	Selim	01811-325471
Parua Union	Naseeruddin	01815-143676
	Ilias	01819-390685
	Md: Harun	01813-260626
	Rafiqul Islam	01814-143806
	Alamgir	01819-618546
	Md: Kamal	01819-624124
	Harun merchant	01823-987303
	Mansur	01851-820799
	Md. Alam	01815-856739
	Aziz	01817-452420
	Jalal	01817-223654
	Mansur	01827-555985
	Abdullah	01824-937248
	Idris azgar	01819-894575
Sarafbhata Union	Nurul Islam	01819-025236
	Kabir Ahmed	01827-130459
	Fazal (writer) Karim	01819-626567
	A: Kader	01814-317255
	Abul Kalam Azad	01815-362962
	Yasin	01827-476606
	Rahman merchant	01814-839730
	Nurul Islam	01815-648100
	Khurshed Ali	01814-985872
	Nurul Islam	01811-149128
	Alamgir Hossain Talukdar	01814-781888
	Azim Uddin	01828-214123
	Eskandar	01811-106790
Islampur	Abul Kalam	01823-027853
	Yunus	01815-199153
	Farhad Hossain	01825-115858

Name Union/Ward	Businessman name	Mobile no.
	Master Abul Kalam	01819-350477
	Abdullah	01812-802421
	Fazal Ahmed	01812-025150
	Osman Gani	01815-027177
	Abul Fayez Ansari	01817-319582
	James	01812-101451
kodala	Land	01819-513071
	Rahmatullah	01819-918217
	Lokman merchant	01817-250800
	Amal Suleiman	01816-829590
	Ishaq alako	01818-066730
	Md: Ershad	01817-786696
	Mohsin Khokon	01817-246713
	Abu Sabur	01818-193946
Lalapagar	Enamullah	01819-633474
Lalanagar	Sahidullah	01817-605044
	Deedar	01818-767692
	Rezaul Karim	01817-204056
	Md. Shafi	01815-494552
	Shamsuddin	01812-773660
	Mohammad Ali	01815-157810
	amiruzzaman	01818-495562
Hosnabad	Meherazaman	-
Hoshabad	Nabi	01814-297911
	Nargis Aktar	01815-157810
	merchant	01813-360737
	Jasim merchant	01815-788340
	Sirajul Haque	01817-744145
	Ekram	01824-402269
	Didarul Alam	01824-823922
South Rajanagar	Omar ghani Chou:	01816-118123
South Najanagai	Md: Syed	01815-460245
	Aslam	01832-980125
	Md: Ali	01822-314531
	Tauhid	01845-400500
	Alok Das	01813-901185
	Yasin Arafat	01814-288379
Rajanagar	Monir Ahmed	01812-106520
	Abu Salhak	01815-185408
	Sohail Chou:	01815-472672

Name Union/Ward	Businessman name	Mobile no.
	Tajul Islam	01820-525488
Shanirbhar Rangunia	utpal dutt Das	01824-985914
	Md:Rahim	01818-025286
	Haji Abul Haq	-
	Raju Shah	01818-018849
	Shankar Shah	01845-837152
	Abu Taher	01827-675809
	Suman Dutta	01812-947906
	Nayan De	01811-614260

### Annuxure 5-

#### At a glance of Rangunia Upazila

SI NO.	Area	201. 99 Km	SI No.	church	5
1	Union/Upazila	15 unions and 1	23	Idgah ground	45
2	Maujas	72	24	Bank	12
3	village	156	25	Post office	16
4	Family	59789	26	Club	71
5	Total population	411609 people	27	Hat/bazar	19
6	Men	204905 people	28	Place grave	516
7	Women	206704 people	29	Crematory	170
8	Educational Institution	212	30	chicken farm	27
9	Government Primary	146	31	NGO	26 t
	School				
10	Primary School Resi.	3	32	Deep tube-wells	1700
11	Secondary School	42	33	Shallow tube-	6151
				wells	
12	College	09	34	Engine-driven	210
13	Madrasa, filing, Fazil,	22	35	River	2 (30 km).
	started under				
14	Health Service Center	43	36	Khal	47
15	garden school	70	37	Beel	There is no
	kindergartens				
16	% of education	54 03 %	38	Haore	There is no
17	community clinics	32	39	Ponds	In 3617
18	Dam	8 Km. dam	40	Total	38716 t
				installations	
19	Sluice Gate	15	41	Road	574 Km
20	Bridge	77	42	Concrete road	169 Km
21	Mosque	436	43	Road HBB	329 Km
22	Culverts	370	44	Play ground	41

### Annuxure 6

### List of some important progarm broadcasts in Bangaldesh Batar

Radio center	Name of Program	Broadcast time	Name of day
Dhaka-Ka	Krishi Samachar	At 6:55 and 7:00	Every day
	Sukher Thikana	At 7:25 and 7:30	Every day
	Health is Wealth	At 11:30 12:00	Every day except on Friday
	Sonali Fashol	At 06:05 - 6:35	Every day
	The weather news	At 06:50 - 7:00	Every day
Chittagong	Krishi Katha	6:55 am-07:00	Every day
	Krishi Samachar	At 06:10 - 06:50	Every day
	Sukhi Sangshar	At 06:55 and 08:30	Every day
Rajshahi	Khet Khamar Samachar	06:55 am-07:10	Every day
	Green Bangla	At 06:05 and 06:50	Every day
Khulna	Health Information	06:55 am-07:00	Every day
	Cultivation	At 06:10 - 06:50	Every day
Rangpur	Sukher Thikana	07:25 AM-07:30	Every day
	Khet Khamar	At 06:05 and 06:30	Every day
Sylhet	Current Cultivation	06:55 am-07:00	Every day
	Sukher Thikana	07:25 AM-07:30	Every day
	Shymol Sylhet	At 06:05 and 06:25	Every day except on Friday
Thakurgaon	Kishen Mati Desh	At 06:05 and 05:25	On Saturday, Monday and Wednesday
Cox's Bazar	Curent Agriculture	At 03:07 and 03:25	Every day
	Sonali Prantor	At 03:40 and 03:45	Tuesday and Thursday
Barisal	Current Agriculture	At 03:15 03:30	Every day except Saturday and Wednesday
	Small Family	At 03:35 03:50	Monday, Wednesday and Friday every day except
Rangamati	Jiboner Katha	At 01:40 and 01:55	Every day
_	Khamar Bari	At 03:05 and 03:15	Every day

List of Bangladesh Radio broadcast on some important program



# Development of Disaster Management Plan at Upazila Level

Upazila: Rangunia, District: Chittagong

# Plan Developed by-

Upazila Disaster Management Committee, Rangunia, Chittagong

Co-ordanate by:



July 2014

# Supported by Comprehensive Disaster Management Program (CDMP-2)

Ministry of Disaster Management & Relief



