

**DISTRICT DISASTER MANAGEMENT PLAN-2023-24, KALIMPONG**

**FOREWORD**

I am extremely pleased to announce the publication of the District Disaster Management Plan for the year 2023-24. As we all know, disasters can strike at any time and we need to be prepared to deal with them in the most effective way possible. This plan is a result of months of hard work and collaboration between various stakeholders, including line departments, emergency services, and community members.

The aim of this plan is to make sure that we are well equipped to face any kind of disaster, whether it be a natural disaster like a landslide or earthquake, or a man-made disaster like accidents, building collapses. The plan outlines various strategies that will be adopted to mitigate the impacts of such disasters and to ensure timely and effective response. It also includes guidelines on landslide, earthquake, lightning, cyclone and communication strategies that will be used to keep the public informed in case of an emergency.

Kalimpong being a multi hazard prone hilly district is susceptible to landslides during the monsoon, bush/forest fire during the dry season, pre monsoon hailstorm, cyclonic wind, vehicle accidents particularly along NH10 and earthquake(seismic zone iv). These hazards can cause immense damage to infrastructure, houses, and agricultural lands, and can also result in the loss of lives.

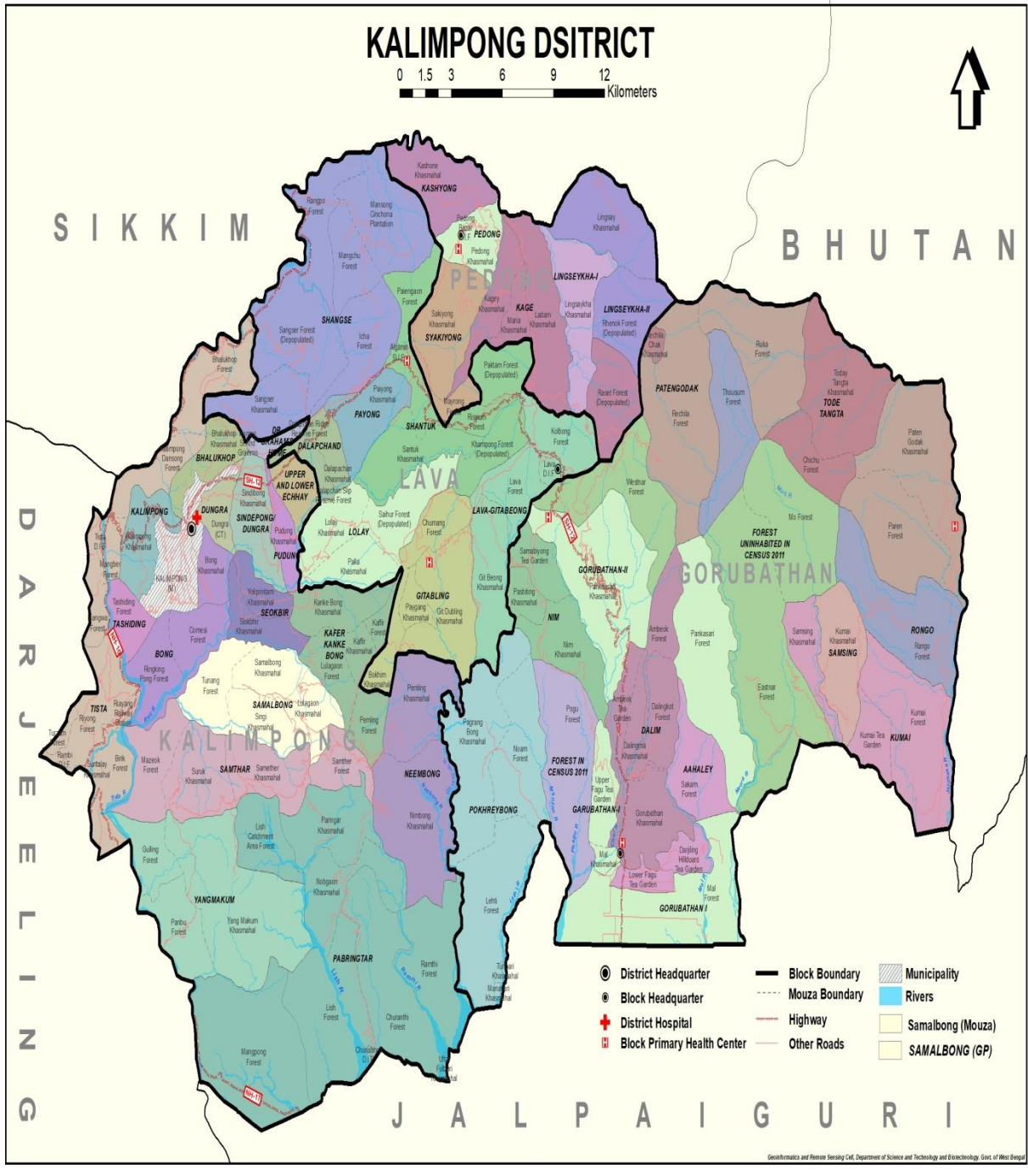
In view of all of the above I believe that this plan is a significant step towards building a more resilient society that can withstand the challenges that come with disaster management. I am confident that by implementing this plan, we will be able to save lives, reduce damage to infrastructure, and ensure that our community bounces back from any disaster quickly.



**Smt.R.Vimala, I.A.S  
District Magistrate,  
Kalimpong**

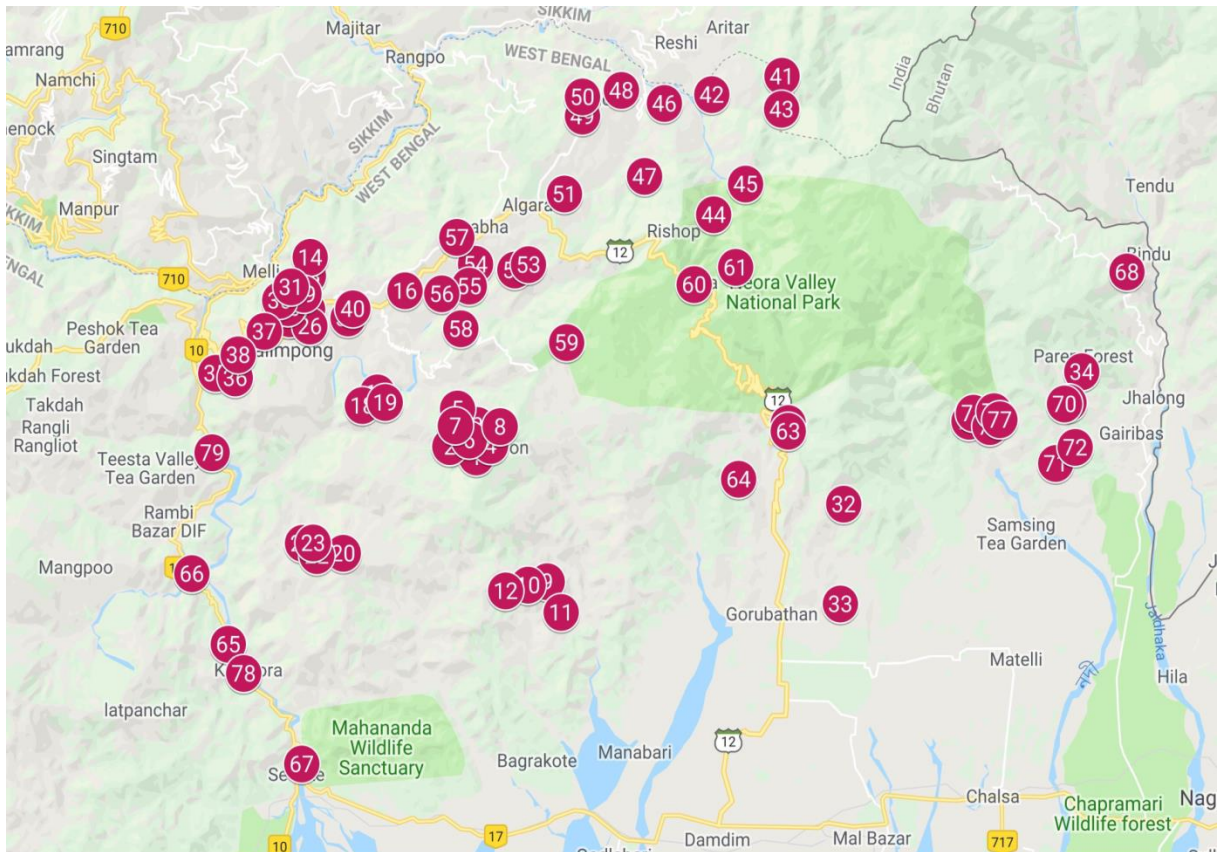
# KALIMPONG DSITRICT

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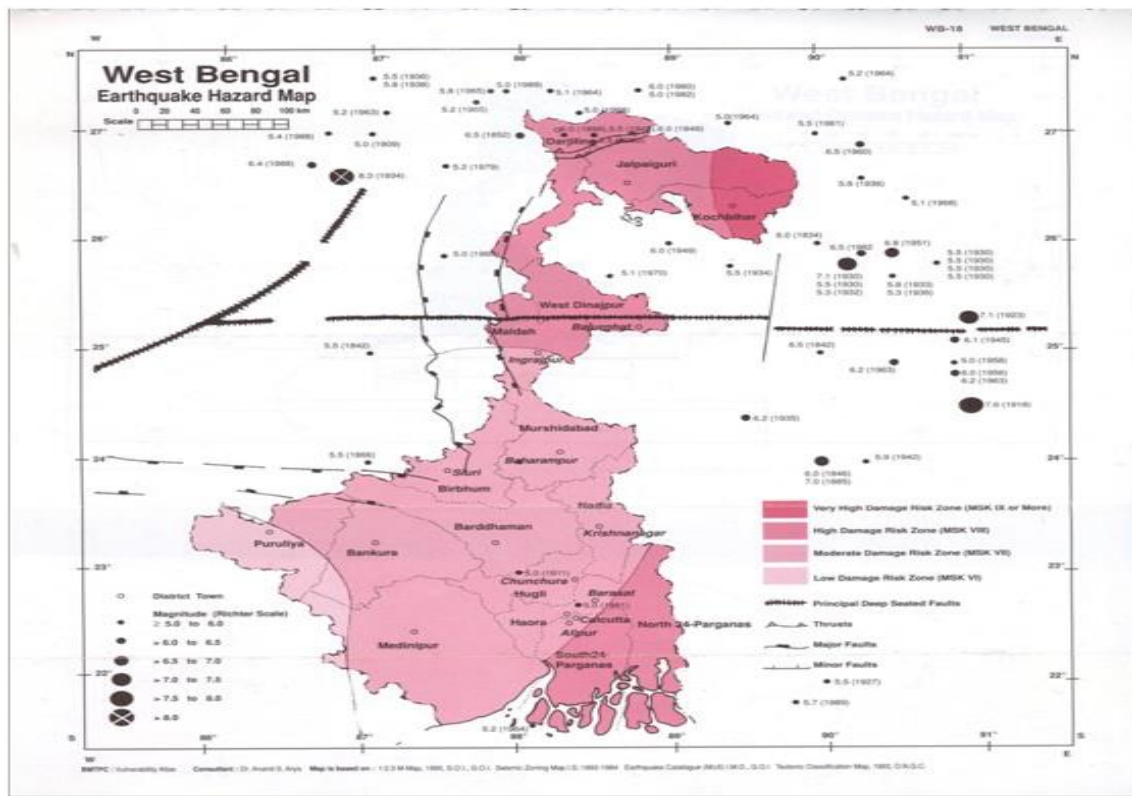
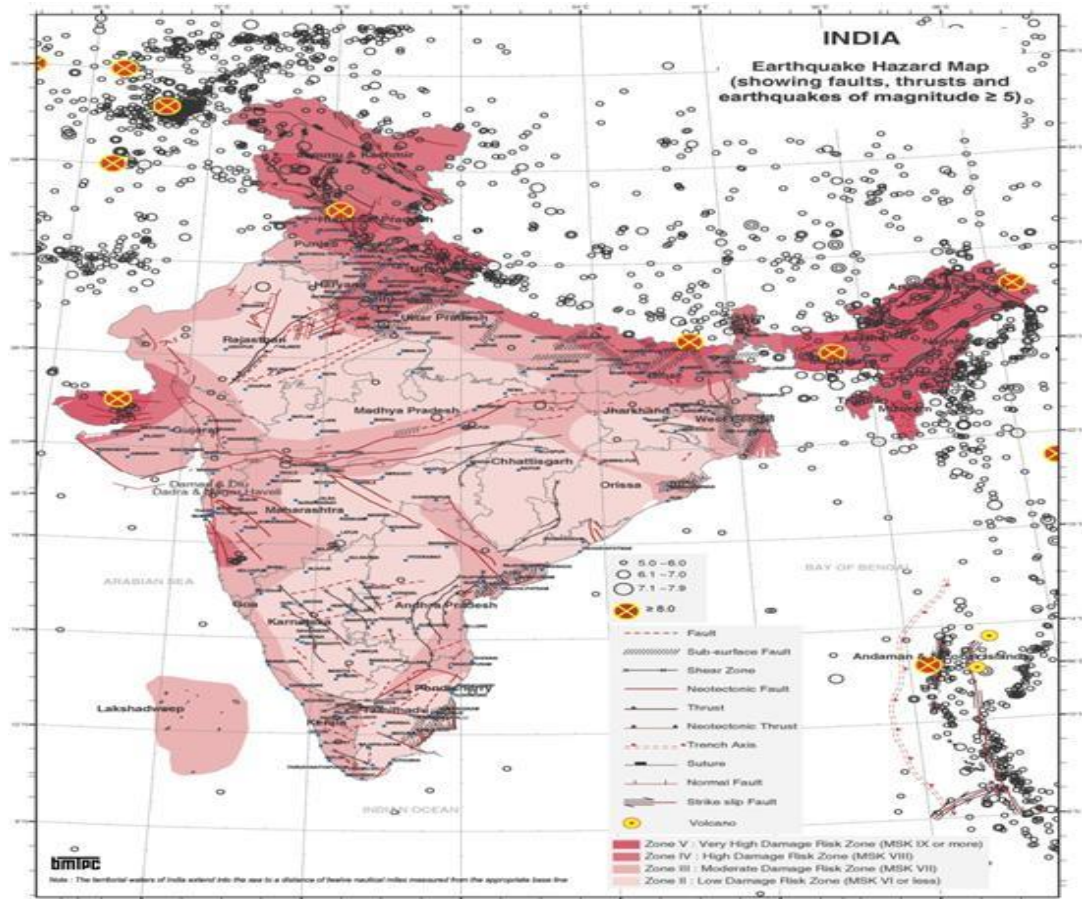


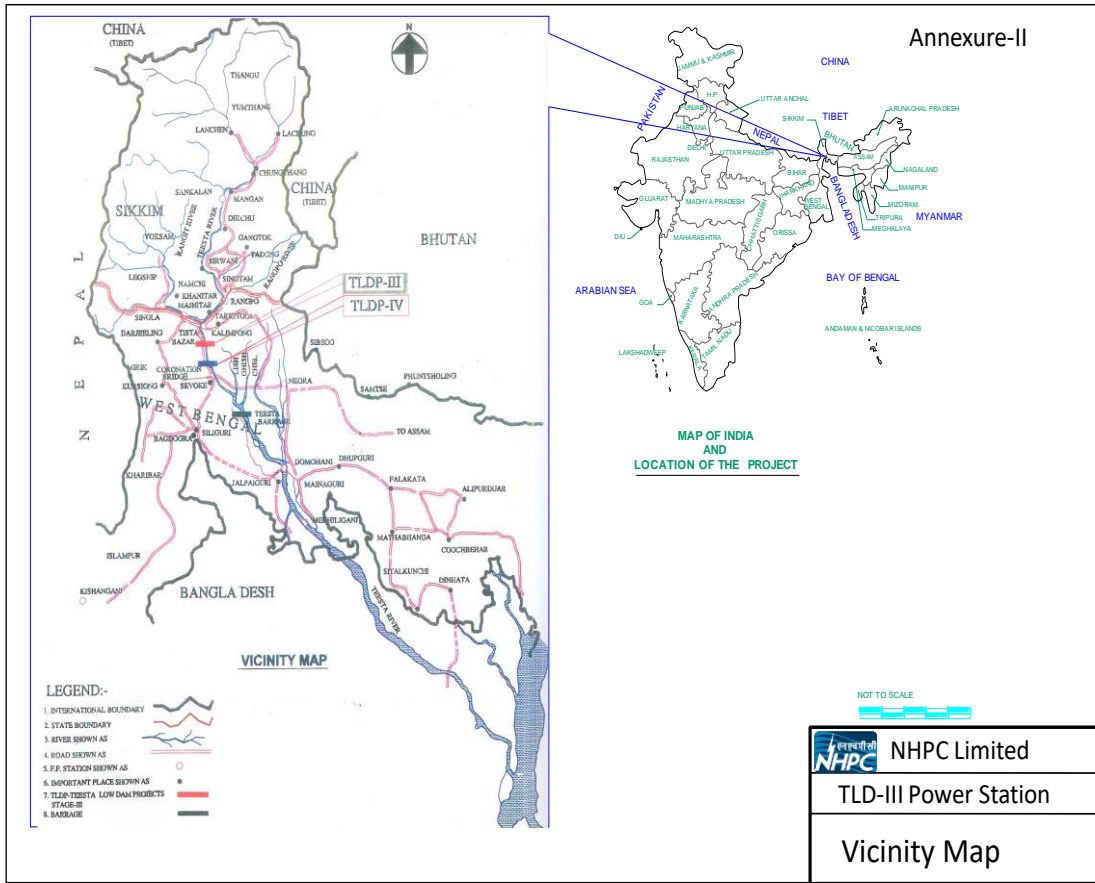
Geoinformatics and Remote Sensing Cell, Department of Science and Technology and Earth Technology, Govt. of West Bengal

## Sinking Area Map



- 1.Lower Kafer, 2.Siddim, 3.Lameytar, 4.Munthung, 5.Lower Kankebong, 6.Siddim Pry School,
- 7.Kholatar, 8.Lower Kafer, 9.Pila Line Nimbong, 10.Munshi Dhura, 11.Lower Dalapchand, 12.Centre Gaon, Nimbong, 13.Chisopani Gaon, 14.Dispensary Gaon, 15.Point 19, 16.Walling Goan, 14<sup>th</sup> Mile,
- 17.Katusey Yok Busty, 18.Gairi Goan, Printam, 19.Seema Gaon, Khanee, 20.Lower Dong, 21.Chota Suruk, 22.Lower Dara Gaon, 23.Bada Suruk, 24.Dhobi Dhara, 25.Alaichikhop, 26.Chara Godam, 27.Dhajey, 28.Soureni, 29.Lamini Gaon, 30.Dantey Gaon, 31.Dalman Gaon, 32.Gorubathan ICP,
- 33.Ahalay, 34.Rongo 45 No., 35.Poshyar Busty, 36.Lower Chibbo, 37.Lower Mongbol, 38.L/Nasey Busty, 39.Bhamey Gaon, 40.Challamthung, 41.Mulkharka, 42.Dabaipani Main Road, 43.Tagathang Road, 44.L/Chagay, 45.Lungchu, 46.Rabeak Dara Gaon, Gairigaon, 47.Nalisir Maria, 48.Dalep, 49.U/Pedong, 50.L/Kashyong, 51.U/Menchu, 52.Lama Ward, 53.Jhilkey Dara, 54.Dungmali Gaon, 55.Bidyang, 56.L/Dalapchand, 57.Bimbiong, 58.L/Lolay, 59.Beong, 60.Lava Raod, 61.Gitkolbong, 62.Lachmi Golai, 63.Mission Dara, 64.Tunlabong, 65.Seti Jhora, 66.Birik, 67.Mongpong, 68.Tungsung, 69.Bardara, 70.44 Block, 71.Guduray Goan, 72.Tamang Gaon, 73.Chiplay Dara, 74.Tinkataray, 75.Bhalukhop, 76.U/Ghumti Gaon, 77.Khola Gaon, 78.Kalijhora, 79.29<sup>th</sup> Mile.





*Map showing locations of TLD-III & IV along the Teesta River*

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# **Chapter 1**

## **Introduction**

**DRAFT**  
**DISTRICT DISASTER MANAGEMENT PLAN (DDMP),**  
**KALIMPONG**  
**WEST BENGAL**

**Chapter 1**

**INTRODUCTION**

Increasing frequency of disaster incidents across the globe has become a common phenomena leading to deaths and devastation along with socio-economic fallout. Kalimpong district being situated in the multi hazard zone certainly faces its share of disasters from time to time. This not only creates a devastating impact on people's lives but also impedes developmental work and consumes resources earmarked for growth and welfare. Therefore, a holistic approach towards managing disasters integrating the prevention, preparedness, response and mitigation activities is indispensable to a disaster management plan. Therefore, a planned approach is needed to minimize the severity of disaster impact through appropriate disaster risk reduction measures and preparedness mechanisms which is vested in the District Disaster Management Plan.

According to the Disaster Management Act 2005, Section 2(d) 'Disaster' means a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or manmade causes, or by accident or negligence which results in substantial loss of life or human suffering or damage to and destruction of property, or damage to, or degradation of environment and is of such a nature or magnitude as to be beyond the coping capacity of the community of the affected area.

Section 2 (e) defines 'Disaster Management' as a continuous and integrated process of planning, organizing, coordinating and implementing measures which are necessary or expedient for

- (i) Prevention of danger or threat of any disaster;
- (ii) Mitigation or reduction of risk of any disaster or its severity or consequences;
- (iii) Capacity building;
- (iv) Prompt response to any threatening disaster situation or disaster;
- (v) Assessing the severity of magnitude of effects of any disaster;
- (vi) Evacuation, rescue and relief.

**1.1 Aims of District Disaster Management Plan (DDMP)**

The primary aim of the DDMP is to provide the District Disaster Management Authority (DDMA) and all the stake-holders with a readily available information of the whole district regarding areas vulnerable to major types of disasters, natural or anthropological; to help adopt measure towards prevention and



mitigation of disasters; to define and assign tasks and responsibilities to different authorities at the District level and local authorities for the prevention and mitigation of disasters whenever necessary in terms of Sub-Section (2)(v) of Section 30 and above all to maintain a state of preparedness for prompt response to major disasters. Contact numbers of all important officials who are required to play pre-defined roles during all three phases of a disaster are included in the plan.

## **Objectives of DDMP**

The main objectives of the DDMP as envisaged in the DM Act, 2005 are to facilitate in the various preparedness measures which will help:

- i) Minimize the loss of human lives.
- ii) Minimize the loss of livestock.
- iii) Minimize the loss to property and infrastructure.
- iv) Minimize ill effects on the health of the affected population.
- v) Minimize the time frame for restoring the human activities in the locality to normal.
- iv) To enhance disaster resilience of the people in the district by way of capacity building.
- v) Reduce the loss of public and private property, especially critical facilities and infrastructure, through proper planning.
- vi) Manage future development to mitigate the effect of natural hazards in the district.
- vii) To set up an Emergency Operations Centre at the District level to function effectively in search, rescue, response.
- viii) To develop the standardized mechanism to respond to disaster situation to manage the disaster efficiently.

When a disaster strikes the DDMP should be able to aid the authorities in decision making and during normal times or pre disaster phase it should provide assistance in policy making like in the field of land use policy, building codes, etc.

### **1.2 Authority for DDMP: DM Act 2005**

The authority for preparation of DDMP has been vested under Sub-section (1) of Section 31 of DM Act 2005 which states ‘There shall be a plan for Disaster Management in every district of the State’. Sub-section (2) of Section 31 says that the plan has to be prepared by the District Authority, after consultation with the local authorities and having regard to the National and State Plan, to be approved by the State Authority. The Plan shall include –

- (i) The areas in the district vulnerable to different forms of disasters;

- (ii) The measures to be taken, for prevention and mitigation of disaster, by the departments of the Government at the district level and local authorities in the district;
- (iii) The capacity building and preparedness measures required to be taken by the Departments of the Government at the district level and the local authorities in the district to respond to any threatening disaster situation or disaster;
- (iv) The response plans and procedures, in the event of a disaster, providing –
  - (a) Allocation of responsibilities to the departments of the Government at the district level and the local authorities in the district
  - (b) The measures to be taken, for prevention and mitigation of disaster, by the Departments of the Government at the district level and the local authorities in the district to respond to any threatening disaster situation;
  - (c) The response plans and procedures, in the event of a disaster, providing for –
    - (i) Allocation of responsibilities to the departments of the Government at the district level and the local authorities in the district ;
    - (ii) Prompt response to disaster and relief thereof;
    - (iii) Establishment of communication links; and
    - (iv) The dissemination of information to the public;

### **1.3 Evolution of DDMP:**

In the past a DM Plan denoted a list of contact persons from different line departments who would have roles to play during disasters and plans were prepared keeping in view the on setting monsoon only. After the DM Act, 2005 came into existence it became imperative for states to make and submit DM Plans which included not only the disaster phase but also the pre disaster phase. West Bengal prepared and submitted a draft DM plan as early as in 2005. Kalimpong, as a sub division had been submitting DM plan every year and now as a newly formed district has been submitting DM plans since 2017. After the coming into existence of District Disaster Management Authority (DDMA) of Kalimpong vide Notification no.3507-RL/O/VI/7M-108/07-13<sup>th</sup> November,2017 of the Government of West Bengal the Disaster Management plan is gradually evolving in accordance to the guidelines of the NDMA.

#### 1.4 Stakeholders and their responsibilities:

At the District level, District Disaster Management Authority, with the District Collector designated as Response Officer (RO), and other line departments at district HQ are responsible to deal with all phases of disaster management within district. Other stakeholders would include communities, local government and NGOs. The identified stakeholders with their responsibilities are:

#### Identification of stakeholders involved in disaster response for Kalimpong district

Sl. No	Stakeholders	Department	Response work
1.	District Administration headed by the District Magistrate, Kalimpong	Department of Disaster Management Kalimpong	Activating CD volunteers at the affected site, on site assessment of damage, distribution of relief items and sending message to the SEOC and to activate IRT depending upon the magnitude of disaster. Reporting, documentation of details.
2.	Health headed by the Chief Medical Officer of Health	Chief Medical Health Office	Activation of department response plan, making services of all doctors, nurses, medical kit available to the district magistrate at the time of emergency disaster event.
3.	Police headed by the Superintendent of Police, Kalimpong	Police Department.	First responder, providing security to relief distribution and at Relief camps, cordoning affected area, immediate inquiry and record of death, securing traffic for emergency vehicles etc. Provide communication support. Assistance in search and rescue by the SDRF
4.	Col.GS, 27 <sup>th</sup> Mountain Division, Durpin	Army	Rendering assistance to civilian authority during times of emergency. Providing man power as well as technical support where possible
5.	NDRF 2 <sup>nd</sup> Battalion headed by the Assistant Commandant	NDRF, 2 <sup>nd</sup> Bn, Matigara	Provide specialized support in search and rescue operations, provide paramedics, assist in restoring supply of essential items

6.	SSB headed by the Commandant	SSB, Malbazar	Provide manpower for search and rescue, assist in evacuation
7	DCF&S, Kalimpong	Food and Supply Dept. Kalimpong.	Maintain buffer stock of essential commodities, supply foodgrain to the relief camp, keep a strict vigil against hoarding and black marketing of essential commodities during disasters.
8	Irrigation and Waterways Dept. as headed by the Exe.Engineer	Irrigation and Waterways dept.,Kalimpong	Be prepared to repair any damage or breach of embankment. Remain alert during monsoon and take immediate stock of embankments after an earthquake.
9	NH10	PWD Divison II	Inform district authority and police about any road block due to landslide. During times of disaster be prepared to keep the road open for emergency vehicles and not let the road be blocked for more than 12 hours even in the face of worst disasters.
10	Indian Meteorological Department, Kolkata	Rainfall forecast	Early warning of heavy rainfall and cyclone

### 1.5 How to use DDMP : According to the guidelines of NDMA

- i. Section 31 of DM Act 2005 makes it mandatory for every district to prepare a disaster management plan, for the protection of life and property from the effects of hazardous events within the district.
- ii. In significant emergencies or disasters, District Magistrate or the chairperson of DDMA will have the powers of overall supervision direction and control as may be specified under State Government Rules / State Disaster Management Plan guidelines.
- iii. The district EOC will be staffed and operated as the situation dictates. When activated, operations will be supported by senior officers from line departments and central government agencies; private sector and volunteer organizations may be used to provide information, data and resources to cope with the situation.
- iv. The DDMA may recommend for action under Sec 30 of DM Act.
- v. Facilities that have been identified as vital to operation of the district government functions have been identified.

- vi. The DM or his designee will coordinate and control resources of the District.
- vii. Emergency public information will be disseminated by all available media outlets through the designated media and information officer.
- viii. Prior planning and training of personnel are prerequisites to effective emergency operations and must be considered as integral parts of disaster preparations.
- ix. Coordination with surrounding districts is essential, when an event occurs, that impacts beyond district boundaries. Procedure should be established and exercised for inter district collaboration.
- x. Departments, agencies and organizations assigned either primary or supporting responsibilities in this document must develop implementation documents in order to support this plan.
- xi. When local resources prove to be inadequate during emergency operations, request for assistance will be made to the State or higher levels of government and other agencies in accordance with set rules and procedures.
- xii. District authority will use normal channel for requesting assistance and/or resources, i.e., through the District EOC to the State EOC. If state resources have been exhausted, the state will arrange to provide the needed resources through central assistance.
- xiii. The District EOC will coordinate with the State EOC, Agencies of the Govt. of India like IMD / CWC to maintain upto-date information concerning potential flooding, cyclones etc. Such information will be provided to the citizens of the affected areas in the district.
- xiv. Upon receipt of potential problems in these areas, DEOC / designated officials will appropriately issue alert and notify action to be taken by the residents.
- xv. Disaster occurrence could result in disruption of government functions and, therefore, all levels of local government and their departments should develop and maintain procedures to ensure continuity of Government action.

**1.6 Approval Mechanism of DDMP:** As defined in Section 30 of DM Act 2005, DDMA shall act as the district planning; coordinating and implementing body for disaster management and take all measures for the purpose of disaster management in the district in accordance with the guidelines laid down by the National Authority and the State Authority. Accordingly, the District DM plan shall be prepared by the District Authority, after consultation with the local authorities and having regard to the National DM Plan and the State DM Plan. The copies of the District Plan referred to in sub- sections (2) and (4) are to be made available to the

Departments of the Government in the district. The district authority shall send a draft copy of the District Plan to the State Authority for approval and the same shall be uploaded in the DMD website post acceptance.

**1.7 Plan review and updation periodicity:** The District Plan is to be put to test by organizing training of events, exercising and simulating disaster incidents and thereby evaluating the effectiveness of the plan. Such review will determine whether the goals, objectives, decisions, actions and timing outlined in the plan will lead to a successful response and any error, weakness in the plan will be corrected. It has been mentioned in the DM Act 2005 that it shall review from time to time the implementation of the Plan and issue such instructions to different departments of the Government in the district as it may deem necessary for the implementation thereof.

# **Chapter 2**

## **Hazard, Vulnerability, Capacity & Risk Assessment**

## Chapter 2

**Hazard, Vulnerability, Capacity and Risk Assessment (HVCRA) :** This chapter has been prepared keeping in view the different risks faced by the district which will prove to be a hindrance in the path of the sustaining developmental gains and the need to prioritize areas that need attention. According to the NDMA the depth of HVCRA will depend on the availability of resources.

**2.1.1 Hazard Analysis:** List of hazards with probability of occurrence (frequency and magnitude): It would consist the type of hazards that the district is prone to, history of hazards, impact analysis of the worst case scenario, the area, people and infrastructure that are exposed to these hazards. It should also provide information about the exposure levels of various villages and cities that fall in multi-hazard zones. This chapter could also look at issues that are being faced in the district due to climate variability.

**2.1.2 Vulnerability Analysis:** UN ISDR has defined “vulnerability” as the conditions determined by physical, social, economic and environmental factors or processes, which increase the susceptibility of a community to the impact of hazards. The analysis would cover various social groups, infrastructure, properties, and environmental resources that are vulnerable to the impact of various hazards in the district. The vulnerabilities can be categorized as physical/material, economic, social/organizational and attitudinal/ behavioral and environmental. This section would also describe major trends and forces of development that push people to live in unsafe conditions that lead to generation of new vulnerabilities- e.g. population growth, industrialization, environmental degradation, etc. Details to be given in Annexure. List of vulnerable Talukas and villages (hazard-wise) be provided in the Annexure.

**2.1.3 Capacities and Resources Analysis :** It should highlight the capabilities and availability of resources with the district administration and stakeholders to reduce disaster risks and organize effective response. Capacities could include policies, institutions, equipments; early warnings trained human resources to handle variety of response & coordination functions and financial resources that the district stakeholders have for disaster risk reduction (DRR). The information and analysis gathered pertaining to the physical, technical and financial resources that are available with different departments and stakeholders would also be enlisted (number, type, location, condition etc). The inventory of resources available (equipment & skilled human resources) with each department & stakeholder, including private resources that can be utilized for emergency response, should be prepared. Assessment of capacities and training needs of practicing engineers, architects and masons required for hazard resistant construction would be done. A list of departmental focal points



with contact details should also be prepared while doing this analysis. Only analysis and outcome is to be given here. List of resources, availability and location is to be given in Annexure.

### **2.2.1 Socio – economic profile of the district.**

#### **District Profile**

Kalimpong district was formed after bifurcating Darjeeling district on 14<sup>th</sup> February 2017 vide notification no.35-PAR(AR)/O/2R-2/16, dt.07.02.2017 of P&AR Department of Government of West Bengal. It is one of the smallest districts among the 23 districts of West Bengal. Kalimpong district is situated on the northern part of West Bengal and shares boundary with Sikkim in the North, North-West, Darjeeling in the West, Jalpaiguri district in the South and the international border with Bhutan in the North-East, East. The major roads are NH-10 which runs from Birik Dara under Kalimpong I Block and continues upto Ramphu border, SH-12 which runs from Teesta to Bhutta Bari under Gorubathan Block via Algarah-Lava. There are other minor roads constructed under PMGSY and GTA providing road connectivity to most of the rural areas.

The major river is the Teesta. And other rivers are the Leesh, the Gitkhola, the Chel, the Neora and the Jaldhaka. Apart from these there are many rivulets, streams and jhoras which intersperse the hilly slopes of the district.

Pedong Block was created vide notification no.1256/PN/O/I/1P-24/2017, dt.12.02.2019 of the Department of Panchayat and Rural Development, West Bengal after bifurcating Kalimpong-II Block into Pedong Block and Lava-Algarah Block.

Area	423 Sq. Mile of which 225 Sq. Mile is Forest. (1056.5 Sq. km)
Location	26° 51” North , 88° 53” East
Altitude(District HQ)	4101 ft. (1250mts.)
Temperature	Summer Max – 27 C, Min – 16, C Winter Max – 17 C, Min – 5C
Rainfall	Avg. Annual Rainfall : 220cm (Rainfall in 2021:252cm)
Weather Pattern	Spring season – March and April, Summer – May, Monsoon – June to September, Autumn – October and November, Winter – December to February
Geological features	Composed of mostly phyllite, schists, Daling Series
Topography	Mostly hills with steep slope gradient

Tea Gardens Nos.	6 nos.
Tea Garden Workers	2834
Other Plantation Nos.	02 (Cinchona)
Other Plantation Workers Nos.	2701
Sub-Division	01 No
Police Station	06 Nos
Block	04 Nos.
Municipality	01 Nos.
Gram Panchayat	42 Nos.

### Demography

Male	Female	Total Population
1,27,501	1,23,067	2,25,568
Languages		Nepali, Hindi, English, Bangla

**2.2.2 Matrix of Past disasters in the district:** It is an established fact that the frequency of calamities both man-made and natural is seen to be increasing year by year. Though the man made calamities can be controlled, in case of natural calamities, there is very little chance to survive if preparations and systems of forecasting and safeguards are not in place. Now a days, Extreme weather conditions are becoming order of the day. Being in Seismic Zone IV, Kalimpong is precariously placed in terms of Earthquake and subsequent landslides and landslips also. The district possesses high mountains, deep gorge like valleys and steep slopes which extends its influence on rainfall. Huge water enters into the river in the form of rain and snowmelt and then gets discharged into the river. And again, in the one hand short and intense rainfall leads to small but deadly landslides in the urban hill areas. On the other hand, continuous rainfall over a period of days leads to major landslides in rural areas. Due to the fragile nature of the Sub-Himalayan areas any earthquake of more than 6 in magnitude and reoccurrence of the heavy and continuous rainfall like 1968 may cause wide scale devastation in the hills and there may be huge loss of lives and properties. The seasonal rainfall mainly happens from June to October, however these days there is existence of so much cyclonic storm and depressions in this region and also presence of large mountains, the rainfall is not only limited to season only and the area gets drenched frequently even outside the season causing the saturation level of ground to stay pretty high.

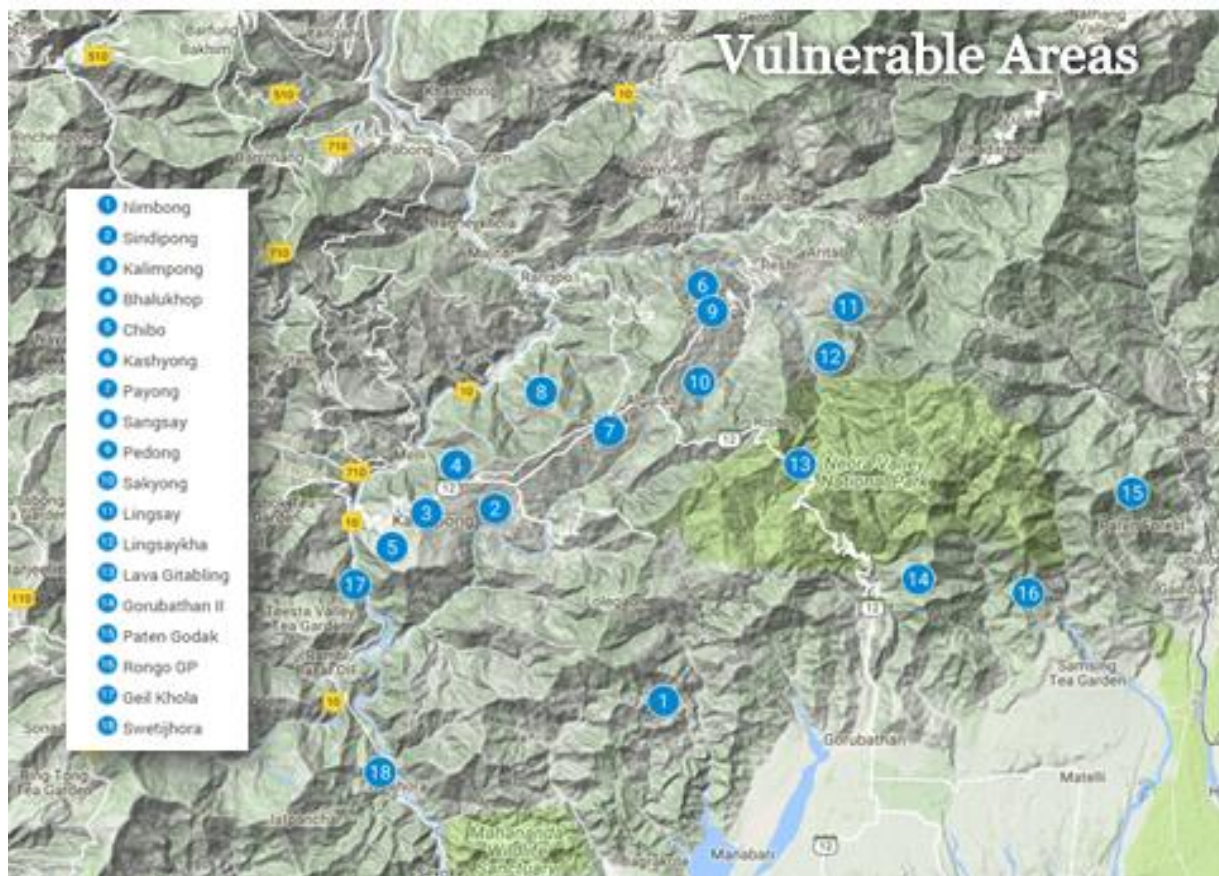
## Types of Hazards

Kalimpong district is afflicted by hazards such as landslides, landslips, cyclonic wind, hailstorm and earthquake from time to time.

The whole district falls under seismic zone IV.

Landslide prone areas are :

- Kalimpong-I Block : Nimbong GP, Sindepong GP, Kalimpong GP, Bhalukhop GP and 6<sup>th</sup> Mile area, Chibo.
- Lava Block : Santook GP, Paiyong GP, Dalapchand GP, Sangsay GP, Lolay GP, Gitdabling GP, Lava-Gitbeong GP.
- Pedong Block : Lingsay GP, Lingsaykha GP, Kagay GP, Kashyone GP, Pedong GP, Sakyong GP
- Gorubathan Block : Gorubathan-II GP, Paten-Godak GP, Rongo GP.



*The satellite view depicting the vulnerable areas of the District of Kalimpong.*

**2.2.3 Hazard Risk Vulnerability Assessment (HVCRA):** Till a proper HVCRA is conducted, this section may include analysis of the matrix of past disasters on maximum severity and best practices. This section may also include Geographic Information System (GIS) maps.

### 2.2.4 Hazard Profile Based On History Of Past Disasters:

Year	Name of Hazard	Magnitude	Villages affected (Blocks and Municipalities)	Life lost
1899	Flash flood	Heavy	Teesta Bazar	Almost all houses swept away at Teesta as per District-Gazetteer Darjeeling
1960	Earthquake	Ms 5.5	Samthar-Kalimpong area	Data unavailable
1968	Flash flood	Heavy	Teesta Bazar	Teesta bridge was swept away. Teesta bazaar ravaged by flash flood.
1993	Landslide	Incessant Rainfall	Whole Kalimpong affected but the worst affected was Bindu Bazar under Gorubathan Block	11 human lives lost
1996	Landslide	Incessant Rainfall	Whole Kalimpong affected but Geshok Busty under Kalimpong I Block worst affected	25 human lives lost
2006	Landslide	Heavy Rainfall	Sinking of land at Gairigaon, under Kalimpong I Block leading to exodus of the whole village	Nil
2009	Aila cyclone rain	Intense	Teesta Bazar along NH10	Houses damaged/destroyed Fully-254, Partly-1059
2011	Earthquake	6.9	Whole district affected	Houses damaged/destroyed Fully-942, Partly-2822
2015	Earthquake	7.3	Whole district affected	Data unavailable
2015	Landslide	Heavy Rainfall	Whole Kalimpong affected	6 human lives lost and 5 went missing and not found till date

2019	Landslide	Heavy Rainfall	Whole Kalimpong affected	2 human lives lost, House damage Fully-27, partly -82
2020	Landslide	Heavy Rainfall	Whole Kalimpong affected	3 human lives lost, House damage Fully-46, partly -114
2021	Landslide	Heavy Rainfall	All Blocks and Municipality affected	7 human lives lost, House damage Fully-102, partly -386
2022	Landslide	Heavy Rainfall	All Blocks and Municipality affected	House damage Fully-22, partly -56

### 2.2.5 Outcome and recommendations of the HVCRA is to be provided.

Fill-in the hazard analysis work sheet given below

Sl. No	Hazard	Check if community is prone to the hazard	Historical Data					
			(1)	(2)	(3)			
					Years of Occurrence	Frequency / Return Period	Category / Intensity	Duration
					(a)	(b)	(c)	(d)
1.	Earthquake	Yes	1960 1980 2011 2015	Irregular	Ms 5.5 Ms 6.1 6.9 7.3	Short		
2.	Landslide	Yes	1968 1993 1996 2015	Every few years	Catastrophic - Critical			
3.	Storm/Cyclonic	No	-	-	-	-		
4.	Flash flood	Yes Teesta bazar.	1899 1968	69 years	Catastrophic			
5.	Fire	Yes.	Every year	Normally during dry season	Limited	-		
6.	Accident (S)	Yes. NH10.	Every year	Throughout the year	Limited	-		
7.	Others	-	-	-	-	-		

Based on the review and analysis of inputs/data collected in tables given above, the most important disaster risk with reference to the lowest administrative unit in the district needs to be identified. After answering the questions in Col 1, 2 and 3, recommendations on the mitigation measures can be listed under col 4 of the table given below.

**Risk assessment result of vulnerable areas (*Annexure attached*) under Kalimpong district:**

S.No	Vulnerability Analysis	Answers
1	2	3
<b>1</b>	<b>Result of hazard Analysis</b>	
	What single or multiple hazards is the community faced with? Which are most significant? Referring to occurrence, frequency/return period, intensity and duration as well as exposure of affected families, how do these hazards compare?	Main hazards faced by the community are : i)In terms of damage – Earthquake, ii) In terms of frequency – Landslide.
	Is there evidence of changing trends in the hazards, or new hazards emerging?	High discharge of rain in a short period of time leading to killer landslides is the emerging trend.
<b>2</b>	<b>Results of Vulnerability Analysis</b>	
	What are the top five vulnerability of the community?	i)Geographical, ii)Physical,iii)Economic, iv)Social,v)Environmental
	Explain the vulnerabilities in relation to the identified hazards affecting the community, and how these make the community susceptible to those hazards.	i)Due to the hilly terrain with steep gradient community becomes susceptible to landslides; ii)In the town area due to population density and unplanned construction of tall buildings community susceptible to earthquake hazard; iii)Due to low income some section of community residing on steep slopes, river banks or wherever land is cheap or free; iv)Some section of community is vulnerable due to lack of knowledge, education and awareness of disaster preparedness; v)Some parts of community face environment related vulnerability due to depletion of resources and degradation of environment.
<b>3</b>	<b>Results of Capacity Analysis</b>	

	What are the top five capacities available in the community?	i)First responder to any disaster incident nearby;ii)Helpful to victims;iii)disaster resilient; iv)some communities show willingness to adapt;v)some civil societies contributing by spearheading works to prevent environmental degradation.
	Explain their relationship and how they increase the resilience of the community.	The first step towards achieving minimum disaster resilience by the community is being quick to respond to a disaster incident, helping each other, the will to bounce back early, the will to adapt to changing environment and leading the path.
	Identify the top five weakness and discuss them as part of another paragraph under vulnerabilities.	Still a major part of the community members are unaware of all the changing circumstances, unaware and unwilling to understand the vulnerability faced by them. Many people wilfully ignore building rules and violate laws placed for safety,etc.
4	<b>Recommendations to Mitigate. Prepare for. and Respond to Disaster Impacts</b>	
	Given the Hazard Vulnerability Capacity Assessments identify the most pressing assistance needed to reduce the vulnerabilities and increase the capacities of the community.	The most important assistance needed are in the field of spreading awareness of disaster risk reduction, awareness about the benefit of proper town planning and following building bye-laws, strengthening village level disaster management community. Studying and recommending landslides and developing early warning system for landslides with the help of public-private partnership.

# **Chapter 3**

# **Institutional**

# **Arrangement**



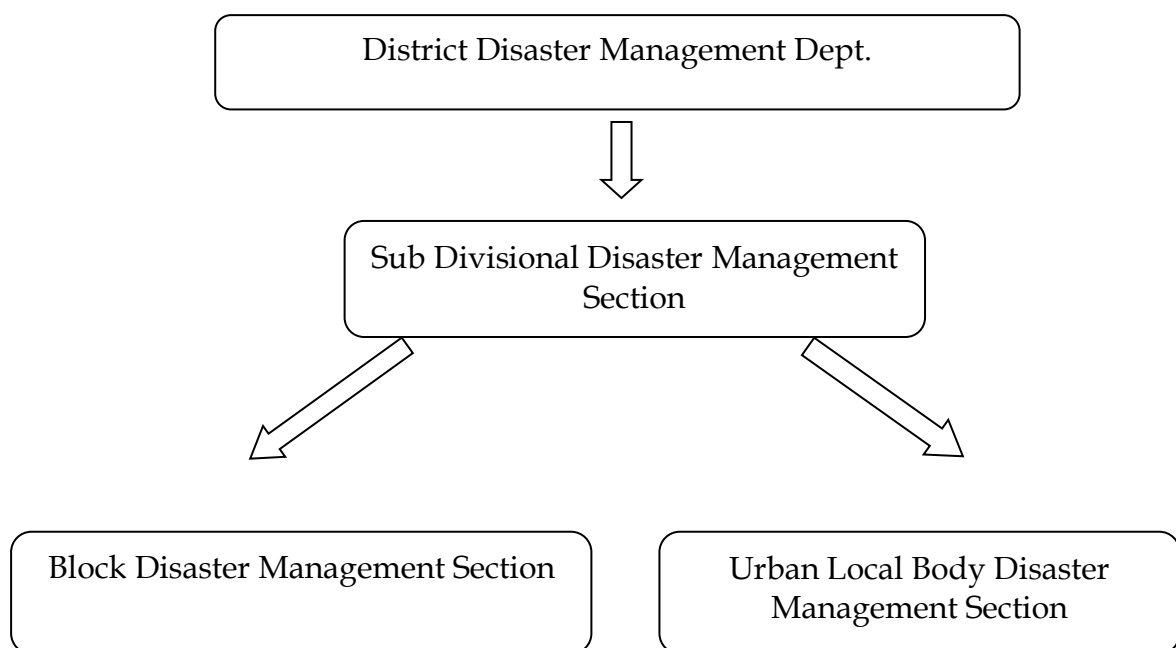
### Chapter 3

#### INSTITUTIONAL ARRANGEMENTS FOR DISASTER MANAGEMENT

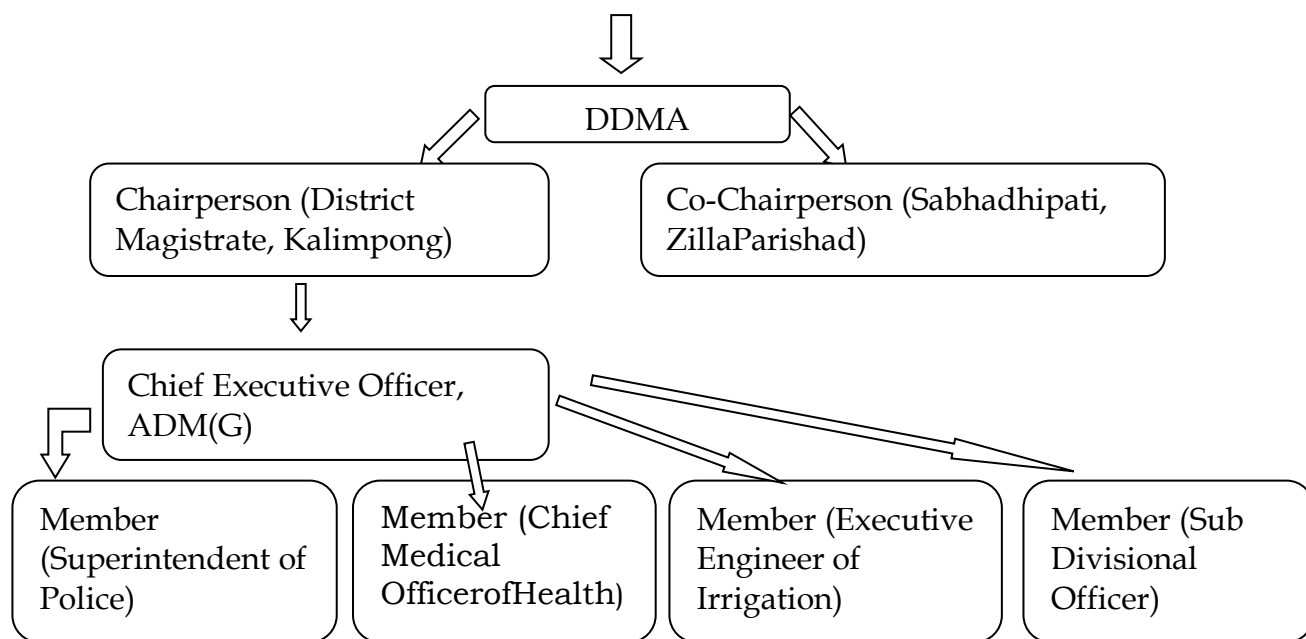
Section 25 (1) of the Disaster Management Act 2005 states that ‘Every State Government shall, as soon as may be after issue of notification under sub-section (1) of section 14, by notification in Official Gazette, establish a District Disaster Management Authority for every district in the state.’ The District Disaster Management Authority for Kalimpong came into existence vide Notification no.3507-RL/O/VI/7M-108/07, dt.13<sup>th</sup> November, 2017 in accordance to sub-section(1) of section 25 of the D.M.Act 2005 consisting the following members as announced by the State Government :

1. The District Magistrate, Kalimpong as the Chairperson, exofficio;
2. Sabhadhipati of the ZillaParishad as Co-Chairperson, exofficio (presently vacant);
3. Additional District Magistrate in charge of Disaster Management as Chief Executive Officer, Kalimpong, exofficio;
4. The Superintendent of Police, Kalimpong ex officio;
5. The Chief Medical Officer of Health, Kalimpong, ex officio;
6. The Executive Engineer of Irrigation, Kalimpong, ex officio;
7. The Sub Divisional Officer, Kalimpong, ex officio.

#### 3.1 ORGANISATIONAL STRUCTURE OF DISATER MANAGEMENT UNDER KALIMPONG



### 3.2 DDMA FLOW CHART



#### District Disaster Management Committee for Kalimpong

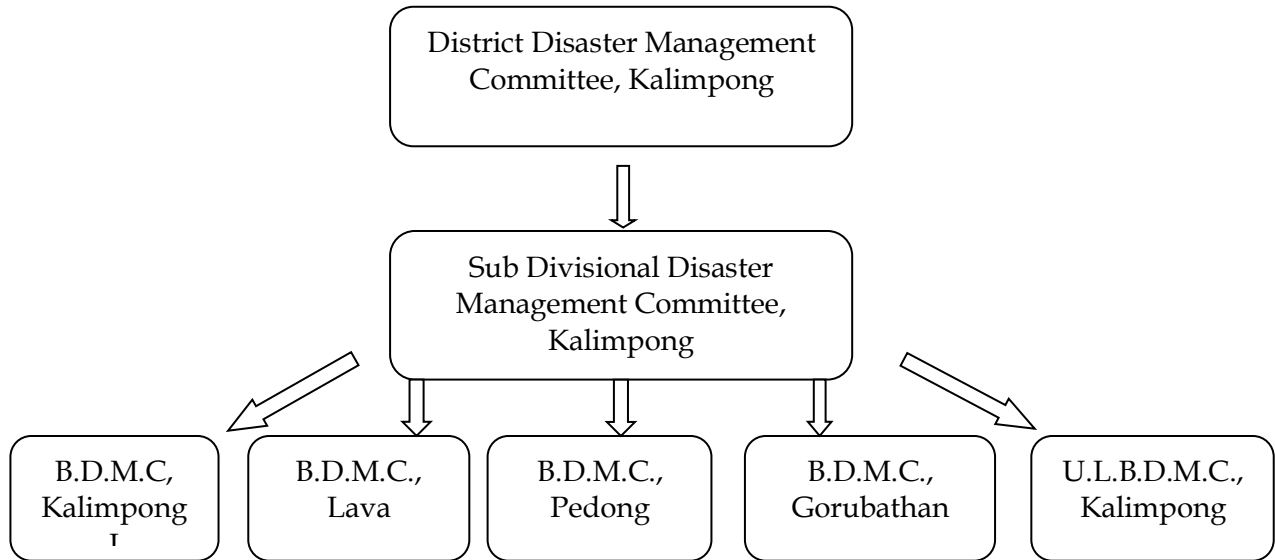
1. District Magistrate, Kalimpong	Executive Chairperson
2. Additional District Magistrate (in charge of DM)	Member
3. Superintendent of Police	Member
4. Chief Medical Officer of Health	Member
5. Superintending/Executive Engineer, P.W.D/P.H.E	Member
6. Executive Engineer, I&W.D/Minor Irrigation Deptt	Member
7. Agricultural Officer	Member
8. Divisional Engineer, WBSEDCL	Member
9. District Food & Supply Officer	Member
10. Deputy Director, Animal Husbandary	Member
11. District Level Officer, Forest Deptt/Fisheries Deptt/	Member
12. Animal Resources Development Deptt.	Member
16. District Level Authority of Army/ Airforce/ B.S.F/	Member
18. District Telecom Officer	Member
20. D.D.M.O./Officer in Charge of Disaster Management	Convener/ Member
21. Chairperson of Municipal Body	Member
22. Chairperson, Development Authority	Member
23. Members of Legislative Assembly	Member

#### Disaster Management hierarchy

- District Magistrate
- ADM in Charge of Disaster Management
- Sub Divisional Officer
- OC, Disaster Management
- District Disaster Management Officer
- Sub Divisional Disaster Management Officer
- Block Development Officers
- Block Disaster Management Officers

**3.3.1** District Disaster Management Authority may set up Disaster Management Committees, Disaster Management Teams and Incident Response Teams as per requirement or for the purpose of tackling disaster situations effectively.

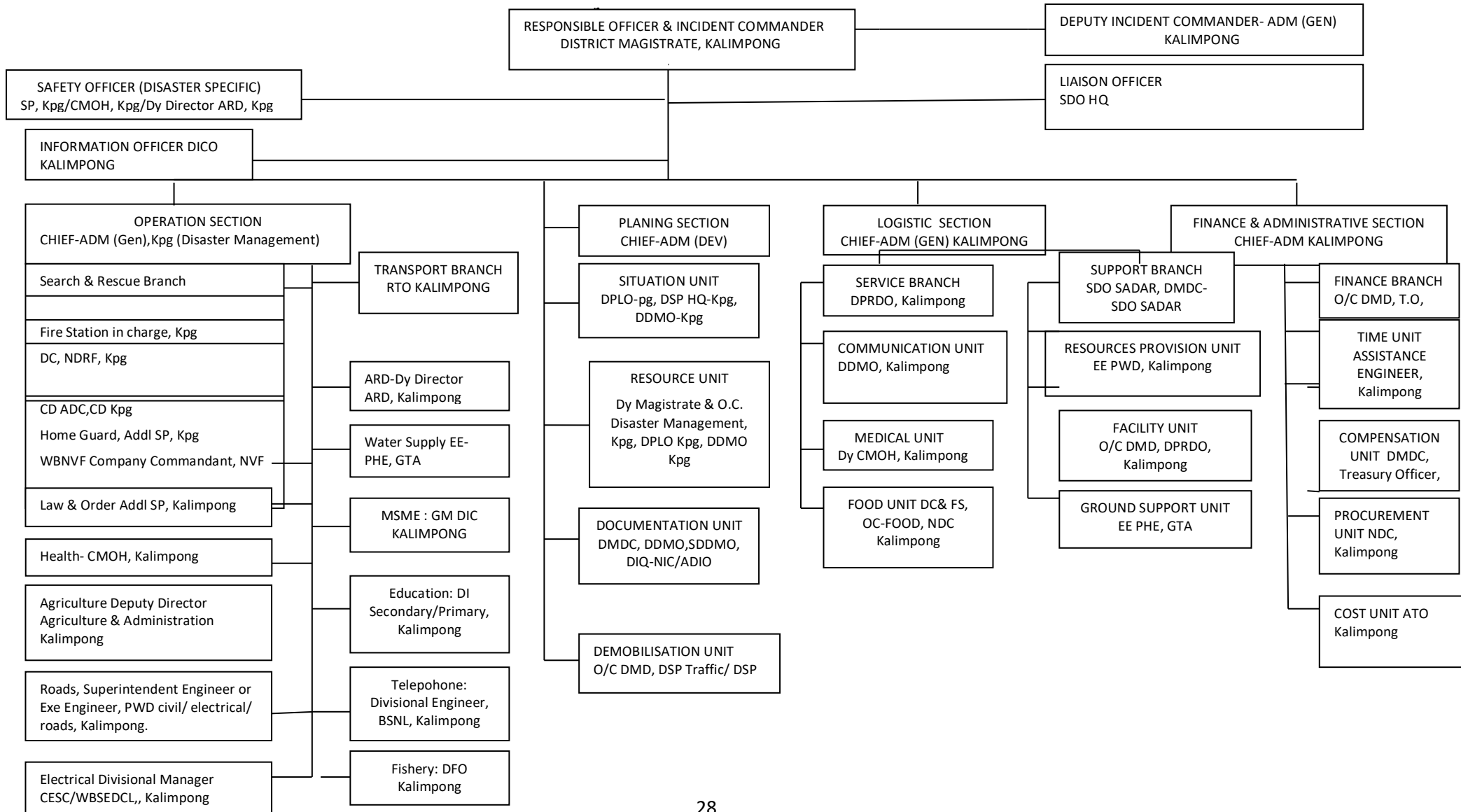
**3.3.2 HYERCHICAL FLOW CHART OF DIFFERENT DISASTER MANAGEMENT COMMITTEES**



*Details of Block Disaster Management Committees in Annexure 2*

### 3.3.3 Incident Response Team Under Kalimpong

#### INCIDENT RESPONSE TEAM DISRICT LEVEL



### **3.3.4 Emergency Operating Centre (EOC) :**

DEOC cum Control Room started under Kalimpong Disaster Management Department from January 2019 manned by Civil Defence Volunteers round the clock. As per the instruction of the state the on-duty staff has to keep a close tab on the weather condition through IMD website, monitor weather channels, maintain contact with the State Control Room and Block Control Rooms.

*Details of DEOC in Chapter 5(5.2).*

### **3.3.6 Forecasting and Warning agencies :**

According to the NDMA any type of natural or man-made disaster may occur with or without early warning. Emergency response may be triggered:

#### **Scenario 1 – With Early Warning:**

On receipt of warning of alert from any such agency which is competent to issue such a warning, the District Emergency Operation Centre has to be fully activated with minimum 3 staff members, communication system such as telephone, mobile phones, VHF, wireless etc. Warning messages will be percolated downwards from the National or State level to the Divisional level, District level, Sub Divisional level, Block level and village level

#### **Scenario 2 – Without Early Warning:**

In disaster situations where no early warnings are available, the primary objective is to mount immediate rescue and relief operations as quickly as possible. In such scenerio the message will pass from the bottom(the place of incident) to the top.

The District Magistrate will assume the role of the Incident Commander and all concerned departments and personnel will be pressed into action through the DEOC.

Declaration of disaster and activation of **response and relief** activities is based on the severity of disasters. As per the NDMA guidelines, these scenarios are of 4 levels that are Level 0 (L0), Level 1 (L1), Level 2 (L2) and Level (L3).

□ **Level 0:** L0 denotes normal times which are expected to be utilized for close monitoring, documentation, prevention, mitigation and preparatory activities. Training on search and rescue, rehearsals, evaluation and inventory update for response activities will be carried out during this time.

□ **Level 1:** L1 specifies disasters that are localized. One or few sectors/areas blocks of activity are affected. It can be managed at the district level.

□ **Level 2:** L2 specifies disaster situations that may require assistance and active participation of the state, and the mobilization of resources at the state level. In L2, the district level resources are insufficient; however the disaster can be managed with state-level resources.

□ **Level 3:** L3 disaster situations arise from large scale disasters where districts and the state may not have the capacity to respond adequately and require assistance from the central government for reinstating the state and district machinery.

# **Chapter 4**

## **Prevention and Mitigation Measures**

## Chapter 4

### Prevention and Mitigation Measures

Prevention consists of actions that reduce risk from manmade or natural disaster incidents. Certain avoidable disasters can be prevented by following hazard zonation map and by strictly adhering to building rules and bye laws. The High Powered Committee (HPC) formed by the Government of India in 1999 had provided a new culture to the area of disaster management by emphasising that there are four key pillars of this activity:

- a) Culture of Preparedness
- b) Culture of Quick Response
- c) Culture of Strategic Thinking and
- d) Culture of Prevention.

Practising all of these will lead to the larger picture where the old adage of 'prevention is better than cure' is followed in letter and spirit.

For those disasters that cannot be avoided or prevented the only effective tool is mitigating the adverse effect. Mitigation refers to actions taken to reduce or eliminate the risks arising out of disasters. It is concerned with negating or mitigating the adverse impact of a future disaster by means of reducing risks, consequences associated with them, etc. Therefore, mitigation in the parlance of disaster management is general activities aimed at preventing events that may occur in the future.

#### Mitigation aims at:

- i) Pre-disaster preparedness and prevention measures that help the community recover from disaster impact.
- ii) Reduction of hazards faced by the community.
- iii) Creation of awareness of risks at the community level.
- iv) Encourage participation of community to lessen risks.
- v) Protection and conservation of natural resources.
- vi) Risks and vulnerability assessment to gauge the risks that the community faces and working out methods of reducing the risks.

According to Carter (1991) there are five principals that provide a valuable guide to mitigation : a)Initiation, b)Management, c)Prioritisation, d)Monitoring and Evaluation, and e)Institutionalisation

Broadly speaking there are two types of mitigation measures – i) Structural mitigation and ii) Non- structural mitigation.

- i) **Structural Mitigation** - This refers to structural measures resorted to tackle disaster risks. It encompasses both construction of physical engineering and non-engineering structures to reduce hazard. Engineered structures include infrastructures and buildings built following safety standards as laid down by the National Building Code(NBC) or the Bureau of Indian Standards(BIS). Non-engineered structures are those buildings and infrastructure built with local

knowledge, not following prescribed specifications. Therefore, Structural Mitigation helps in the process of cutting down the impact of disasters by means of construction and engineering works like building earthquake resistant structures, retrofitting, strengthening of embankments, building proper drainage system, cyclone shelters, etc.

- ii) **Non structural mitigation** - This includes all those activities minus the structural mitigation like awareness and capacity building at the departmental and community level, formulation of new plans and overall promoting a culture of safety like building codes, policy framing, land use policy, research, capacity building trainings, etc. It includes the three important components i) Appropriate Administrative/Regulatory Framework, ii) Public Education, Training and Awareness, and iii) Community Participation in Disaster Mitigation.

### **Structural Mitigation for earthquake/Landslide under Kalimpong**

<b>Structural measures</b>	<b>Identified Locations and Villages</b>	<b>Implementing Departments</b>	<b>Convergence with Scheme/ Program</b>	<b>Time Frame</b>
Constructing earthquake resistant structures and retrofitting (if required) of public utility buildings like offices, hospitals, schools/ banks/ markets etc	Whole district falls under seismic zone IV. Vulnerable villages/wards have been identified Gram panchayat-wise/	DPLO, DPRDO (State and Panchayat), SD MF, PWD, SSA, GTA	Convergence with developmental programmes, NERMP	-
Building earthquake resistant houses and retrofitting of unsafe houses	Municipality wise for Kalimpong I/Lava/Pedong/ Gorubathan &	SDRF, IHSDP, HFA, IAY, owner driven	Rural housing schemes, Integrated sulm development and departmental programs, NERMP	-
Identifying and safely dismantling unsafe structures	Kalimpong Municipality ( <i>List of vulnerable areas at Annex 1</i> )	PWD, Kalimpong Municipality, DDM	-	-
Construction of protection walls, plantation of trees		Engineering Depts. & Forest Dept.	-	-



### Non Structural Mitigation for earthquake/landslide under Kalimpong

Non Structural measures	Identified Locations and Villages	Implementing Departments	Convergence with agency/ Program	Time Frame
Capacity building of architects, engineers and masons on earthquake resistant features	Whole district falls under seismic zone IV. Vulnerable villages/wards have been identified Gram panchayat-wise/ Municipality wise for Kalimpong I/Lava/Pedong/Gorubathan&K alimpong Municipality (List of vulnerable areas at Annex 1)	Disaster Management, RTC	MGNREGA, SSA	Regular Interval
Registration of trained and certified mason		Disaster Management, GTA	NERMP, NICEE	Regular Interval
Strict enforcement of guideline pertaining to seismic safety for government rural housing		Disaster Management Department, PWD construction	Urban & Rural housing schemes	Regular Interval
Mock-drills for Schools, Hospitals, Public Buildings, etc		Disaster Management Kalimpong, RTC, SSA, Fire Department, Schools	NSSP, Hospital safety	Regular Interval
Constructing or strengthening embankments, clearing of drains, unclogging of jhoras before monsoon		Engineering dept., Municipality	-	-

# **Chapter 5**

## **Preparedness Measures**

## **Chapter 5 Preparedness Measures**

**5.1** Preparedness comprises measures, which equip governments at various level, organisations, communities and individuals to handle and respond effectively to disaster situations. Globally, it is observed, there has been an increase in the frequency and adverse impact of disaster both natural as well as man made. Although developments in science and technology has helped to a great extent by way of providing early warning for hazards like cyclones, heavy rainfall, etc. and in the form of GIS based prediction of landslides, etc. , all these will not hold much water if preparedness measures for a district are not in place. The approach towards disaster management has gone a sea change where in the past management of disaster would be 'reactive' in nature. The course of action basically would be emergency management with provision for relief and rehabilitation. Efforts were always directed towards bringing back the situation to normal. But in the present a holistic approach is adopted towards management of disaster where pre disaster phase is given more importance.

Preparedness measures hold a very important place in disaster management because the experience of the past has shown us that the cost of preparedness is much more less than the actual cost of tackling a disaster financially or socially.Planning is one of the key components of Preparedness cycle.Kalimpong district falls within a multi hazard prone area. Therefore, disaster preparedness plan for Kalimpong is aimed at tackling earthquake, landslide, cyclonic wind, urban fire, building collapse,etc.

**5.2 District Emergency Operations Centre (DEOC)** becomes the nodal component of a district's disaster preparedness because a DEOC becomes a nodal point for overall coordination of planning and response during any disaster incident as well as passing early warning messages to all stakeholders vertically and horizontally. The DEOC requires communicating facilities, Decision support system, alert and warning system in working condition. Presently, effort is being made to set up a permanent working DEOC for Kalimpong district so as to tackle any disaster situation effectively. Presently, Control Room cum DEOC is manned by the Civil Defence Volunteers round the clock in three shifts under the supervision of OC Disaster management/DDMO and SITREP regarding disaster or all clear is sent to the State Control Room every day at 11am.During monsoon normal contact is maintained thrice a day followed by CA-II Report.

Requirement of fund for modernization of the DEOC including VHF, UHF communication has been sent to the higher authority.

### 5.3 Formation of Teams for Kalimpong District

Sl. No.	Name of Team	Department	Response work
5.4.1	Early Warning	IMD, Kolkata.	For Cyclone, heavy rainfall
		SEOC	For lightning strikes
		CWC, Jalpaiguri.	For water level of the Teesta
		Chief Engineer, TLDP-V, Singtam	For sudden release of water from NHPC-TLDP V Dam towards Teesta bazar, Melli bazaar, etc.
5.4.2	Search & Rescue	Fire Services, Civil Defence, NDRF, Army, SDRF	Work under IRT Operations section as separate Task Forces
5.4.3	Evacuation	Fire Services, Civil Defence, NDRF, Health, Police, Local volunteers	Work under IRT Operations section as separate Task Forces
5.4.4	Damage and Loss Assessment	Disaster Management Section, ARD, Agriculture Dept., PHE, PWD	Prompt site visit and initial damage assessment report followed by detailed report and record of deaths, injuries or other damages
5.4.5	Information & Dissemination of early warning	DEOC/District Control Room	Passing of early warning downwards and receiving information from the lower level
5.4.6	Health & First Aid	Health Department	Provide paramedics and prepare hospital for casualty surge

### 5.6 Activation of IRS in the District

As per NDMA's IRS guidelines which prescribe for **Incident Response Team (IRT)** different IRTs with pre-designated structure have been formed where the Incident Commander is the District Magistrate at the district level and the Block Development Officers at the block levels. Apart from IRT Quick Response Teams (QRT) have been formed at gram Panchayat level also. *Annexure III for IRT & Annexure VII for QRT enclosed.*

## 5.7 Protocol for seeking help during disaster

Help from	Protocol for help	Contingency
State Govt.	Message of any disaster will be immediately sent to the SEOC through the district EOC. Magnitude of the disaster incident will be communicated to the government along with type of help required.	If all communications are down satellite phone will be used
NDRF	B Coy, 2 <sup>nd</sup> Battalion NDRF stationed at Matigara, Siliguri will be done by the District Magistrate( <i>Annex 4</i> )	If all communications are down satellite phone will be used
SDRF	Requisition for SDRF will be sent to the government through the DEOC	If all communications are down satellite phone will be used
Army	Requisition for 27 <sup>th</sup> Mountain Division stationed at Durpin, Kalimpong will be done by the District Magistrate. ( <i>Annex 4</i> )	As per army protocol during emergency the army may be given a telephonic requisition but the format for requisition must be submitted later on.

## 5.8 Community Preparedness

During any disaster, communities are always the first responder. Community participation ensures local ownership, addresses local needs and promotes volunteerism and mutual help to prevent and minimize damage. Community based disaster preparedness is one of the keys to effective management of disaster. Training of community members in the field of Community based Disaster Management(CBDM) and Disaster Risk Reduction (DRR) is an on going process and different training programmes and mock drills for community members down to the grass roots level has been lined up for 2021 also.

## 5.9 Standard Operating Procedures (SOPs)

1	Protocol and Arrangement for VIP visits	As per arrangement by Kalimpong Police Administration in consultation with the District Administration
2	Procurement (Tents,blankets,tarpaulins,equipments, etc)	Through the Department of Disaster Management, WB

### 5.10.1 Knowledge Management and Sharing

Uploading of information on resources in the India Disaster Resource Network(IDRN)	Resources are updated in the IDRN portal every month.
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# **Chapter 6**

## **Capacity Building & Training Measures**

## CHAPTER 6

**6.1 - Capacity Building & Training Measures :** In order to achieve Disaster preparedness of all stakeholders and to create a disaster resilient society capacity building of line departments, stakeholders, community members, etc. is of great importance. Developing and strengthening DDMP and Disaster Management administration without awareness among all concerned may not be achievable or even if achieved may not be sustainable. The following equation explains the significance of capacity building in a better manner :

$$\text{Disaster Risk(D)} = \frac{\text{Hazard(H)} \times \text{Vulnerability(V)}}{\text{Coping capacity (C)}}$$

Here  $H \times V = D$  (resultant disaster), the higher the hazard and vulnerability the higher will the resulting disaster be. Increasing coping capacity will negate the adverse effect of a disaster to a great extent and thereby proving to be very cost effective in the long run.

In Kalimpong district numerous such capacity building measures have been adopted in the form of community based disaster awareness, preparedness programmes and trainings involving Line dept. officials, ICDS, SHGs, GP staff, NGOs, Civil defence Volunteers, Schools, local community members.

In 2021 07 nos. of training programmes were held in different parts of Kalimpong where participants included CD Volunteers, Civic Volunteers, Teachers, Students, NGOs and Community members who were imparted trainings on Disaster awareness, School safety, Fire safety, First aid, Search and rescue, etc. Civil Defence Foundation Course training was held in 2 batches where 81 participants successfully completed the training. 02 mock exercises on landslide and earthquake were held at Algarah and Kalimpong-I Blocks.

**6.2 -** According to the NDMA the capacity building plan should cater to ‘differential capacity building needs based on the functional responsibilities assigned to stakeholders.’ Therefore, capacity building plan should be of various types.

**6.2.1 –** Institutional capacity building – i) Capacity building of Officials & Policy makers, ii) Engineers, Architects, Masons, Doctors, Nurses, Teachers and other professionals, iii) State police, Fire services, State Disaster Response Force

**6.2.2 –** Community capacity building and Community Based Disaster Management - special focus on different vulnerable groups like women particularly pregnant women and lactating mothers, children, old and infirm, persons suffering from serious ailments and with various kinds of disabilities.

**6.2.3 –** Training of Trainers whereby creating sufficient numbers of Resources Persons and devising disability inclusive training for all relevant service personnel including Civil Defence, Home Guard, NVF, etc.

**6.3 –** Disaster Management Education in schools and colleges is one very important part of capacity building of the society. Disaster Management Education in Medical, Information Technology and Engineering colleges will

greatly help to create doctors, technocrats and engineers with knowledge about disaster management which will ultimately contribute in the cause of Disaster Risk Reduction.

#### 6.4 – Skill upgradation and follow up training programmes.

In 2021 the capacity building exercise will be carried forward where Officials of different line departments, Policy makers from Kalimpong Municipality, Teachers and students will be imparted training to enhance their coping capacity. Provisions will be made for training of Engineers, Architects and village masons regarding building of earthquake resistant structures. Doctors, Nurses and Hospital management will be given training regarding Hospital safety and preparing Hospital DMP adhering to the guidelines laid down by the NDMA. All programmes will be followed following COVID protocol. The following Capacity Building programmes were held in 2021.

### **TRAININGS, AWARENESS PROGRAMMES AND MOCK EXERCISES DONE IN 2022-23**

Sl.No.	Date	Place	Training Particulars	Target Participants
1	5.6.22 to 8.6.22	Lava, Pedong, Lingsey, Gorubathan, Kalimpong-I	FAMEX with NDRF	Line Depts, Schools, ICDS, SHG, local communities
2	25.08.22 to 05.09.22	Disha Centre, Kalimpong	Aapda Mitra Volunteers training	Youths from Kalimpong district
3	12.09.22 to 23.09.22	Disha Centre, Kalimpong	Aapda Mitra Volunteers training	Youths from Kalimpong district
4	17 & 18.11.22	Disha Centre, Kalimpong	Residential Training on Disaster Management & School Safety	School Teachers from Kalimpong district
5	21.11.22 to 25.11.22	Disha Centre, Kalimpong	Civil Defence Foundation Course	Youths from Kalimpong district
6	10.03.23	Disha Centre, Kalimpong	Training of Trainers of Jai Hind Bahini on Disaster Management	Students from 04 nos. Higher Secondary Schools of Kalimpong
7	17.03.23	Conference Hall, Treasury Building	Training of Trainers Kalimpong Police on Disaster Awareness & Search & Rescue	Kalimpong Police Personnel



**CALENDAR FOR TRAINING AND MOCK DRILL PROGRAMMES UNDER  
DISASTER MANAGEMENT AND CIVIL DEFENCE SECTION, KALIMPONG  
DISTRICT FOR 2023-24.**

Sl no.	Particulars	No. of programme/unit	Budget (approx.)
01.	District Level one day seminar with all dist level line department officials regarding disaster risk mitigation	1 nos.	Rs. 0.20lakh
	Training-cum-Community based Awareness programme at GP Level, updation of GPDMC	42 nos. at 42 GPs	Rs 4.20 lakh
06.	Training-cum-Awareness programme at School, preparation of School Safety Plan	4 blocks x 10 = 40 nos.	Rs. 4.00 lakh
07.	Training on Hospital Safety (Two days)	4 nos.	Rs. 1.60 lakh
08.	Training on Child Centered DRR for ICDS worker (Two days)	4 nos.	Rs. 1.60 lakh
09.	Training on Climate Change Adaptation (Two days)	4 nos.	Rs. 1.60 lakh
10.	Training on Earthquake Mitigation (Two days)	4 nos.	Rs. 1.60 lakh
11.	Training on Landslide Mitigation (Two days)	4 nos.	Rs. 1.60 lakh
12.	Training on Community Based DRR (Two days)	4 nos.	Rs. 1.60 lakh
13.	Training on Disaster Risk Management & Role of Civil Defence Volunteers (two days)	4 nos.	Rs. 1.60 lakh
14.	Awareness programme for disabled persons (One day)	4 nos.	Rs. 0.40 lakh
15.	Mock drill/Mock exercise	4 nos.	Rs. 2.00 lakh
16.	FAMEX programme	10 nos.	Rs. 1.00 lakh
17.	Basic/Foundation course for Civil Defence Volunteers (5 days)	2 batches (100 applicants)	Rs. 2.00 lakh
18.	Refresh course for Civil Defence Volunteers (3 days)	2 batches. (100 CDV)	Rs. 1.00 lakh
19.	Refresh course for Aapda Mitra Volunteers (3 days)	2 batches. (100 Aapda Mitra)	Rs. 1.00 lakh
		Total =	Rs.27.00 lakhs

# **Chapter 7**

## **Response and Relief Measures**

## **Chapter 7 – Response and Relief Measures**

Response in Disaster Management denotes measures those are taken instantly following a disaster aimed at minimizing injuries, loss of life and damage to property and the environment and rescuing those who are affected or likely to be affected by disaster. Response process begins as soon as it becomes apparent that a disastrous event is imminent and lasts until the disaster is declared to be over. Since prompt response is conducted with an aim of utilizing the golden hour that too, in most cases, with limited information and initial responders, it is one of the most difficult components of disaster management. Response includes not only those activities that directly address the immediate needs, such as search and rescue, first aid and shelters, but also includes systems developed to coordinate and support such efforts.

For effective response, all the stakeholders need to have a clear perception/vision about hazards, its consequences and actions that need to be taken in the event of it. The Disaster Management Department of the District is the Nodal Department for controlling, monitoring and directing measures for organizing rescue, relief and rehabilitation. All other concerned line departments should extend full cooperation in all matters pertaining to the response management of the disaster whenever it occurs. The District EOC and other control rooms at the District level should be activated with full strength.

### **Disasters may be with Early Warning or without any Warning:**

Upon receiving warning or alert from any authorized agency such as IMD, CWC, SEOC the DEOC under the District Magistrate's instruction will alert all stakeholders and upon being informed about the occurrence of a disaster, the response structure of the District Administration will be put into operation. The District Magistrate will assume the role of the Responsible Officer/Incident Commander during the emergency situation.

In case of disaster without warning the District Magistrate will activate IRT as per Incident Response system, will hold an emergency meeting to take stock of the situation, availability and mobilization of resources for listing out the various tasks and to provide proper briefing to the responders. In such a scenario the decision making will be supported by concerned departments with the help of RVS system.

Response Plan may require different task forces for adequate response to different disaster scenarios where specific functional tasks, such as search and rescue, the provision of water or shelter management, etc.

<b>Response Measures-Multi Hazard Operation Taskforce</b>	<b>Functions</b>
1. Coordination and Planning	Coordinate early warning, Response & Recovery Operations
2. Administration and Protocol	Support Disaster Operations by efficiently completing the paper work and other Administrative

	tasks needed to ensure effective and timely relief assistance
3. Warning	Collection and dissemination of warnings of potential disasters
4. Law and Order	Assure the execution of all laws and maintenance of order in the area affected by the incident.
5. Search and Rescue (including Evacuation)	Provide human and material resources needed to support local evacuation, search and rescue efforts.
6. Public Works	Provide the personnel and resources needed to support local efforts to reestablish normally operating infrastructure.
7. Water	Assure the provision of sufficient potable water for human and animal consumption (priority), and water for industrial and agricultural uses as appropriate.
8. Food and Relief Supplies	Assure the provision of basic food and other relief needs in the affected communities.
9. Power	Provide the resources to reestablish normal power supplies and systems in affected communities.
10. Public Health and sanitation(including First aid and all medical care)	Provide personnel and resources to address pressing public health problems and re-establish normal health care systems.

Response planning provides rapid and disciplined incident assessment to ensure a quickly scalable, adaptable and flexible response. It incorporates National and State response doctrine, which defines basic roles and responsibilities for incident response across all levels of government and the private sector. Before taking up response activities, the DM (RO/IC as per IRS) will hold a meeting to take stock of the situation, availability and mobilization of resources for listing out the various tasks and to provide proper briefing to the responders. The Incident Action Plan will be drawn and put into action based on the situation assessment. The DM / RO will nominate Operation Section Commander (OSC) based on —incident type and rest will follow as per IRS/IRT and other procedural guidelines issued by the state. IRT for Kalimpong has been mentioned in Chapter 5. Response system has been prepared in the same chapter.

# **Chapter 8**

## **Reconstruction, Rehabilitation and Recovery Measures**

## **Chapter 8 – Reconstruction, Rehabilitation and Recovery Measures**

According to the NDMA Recovery encompasses both short term and long term efforts for the rebuilding and revitalization of affected communities. Recovery planning must provide for a near seamless transition from response activities to short term recovery operations – including restoration of interrupted utility services, re-establishment of transportation routes and the provision of food and shelter to displaced persons. Planners should design long-term recovery plans to maximize results through the efficient use of resources and incorporate national recovery doctrine. Therefore, the Recovery Plan would take the following components into account :

**8.1 Damage assessment mechanism** – The aftermath of a disaster is always a sordid picture of large scale devastation, loss of life, massive destruction of property as well as severe shortage of required relief materials and medical aid compounded by infrastructural damage. Damage assessment is a precondition for effective disaster management. The nature and intensity of disaster aftermath need to be ascertained systematically before conceiving or implementing any type of disaster management plans. There are different techniques of damage assessment like Sample Surveys, Epidemiological Surveillance, Nutrition Centred Health Assessment, Remote Sensing and Aerial Photography (GIS based).

**8.1.1 A Sample Survey** is an important part of Post Disaster Need based Assessment (PDNA) and as such the primary tool for needs assessment and is relevant for evaluation purposes in order to detect and monitor the disaster impact. A representative sample of a population is surveyed, from which valid estimates of the status of an entire target group are made. Even though it can never be a complete assessment, it could still provide a good indication of the rehabilitation needs and requirement. Sampling will provide information on the entire range of problems and /or conditions facing the population. Sample surveys can be undertaken by administering questionnaires for collecting some of the required information like morbidity /mortality figures and statistical analysis for assessing the data collected.

**8.1.2 Epidemiological Surveillance** is the collection and interpretation of data on the risk or actual occurrence of communicable diseases and other health problems in the post disaster scenario. It is a very essential assessment tool in the aftermath of a disaster particularly for a slow-onset and continuing disasters, especially where changes in the living patterns occur such as relief camps of disaster victims. Epidemiological Surveillance should be carried out by government health authorities after a disaster of great magnitude which may also involve voluntary agencies.

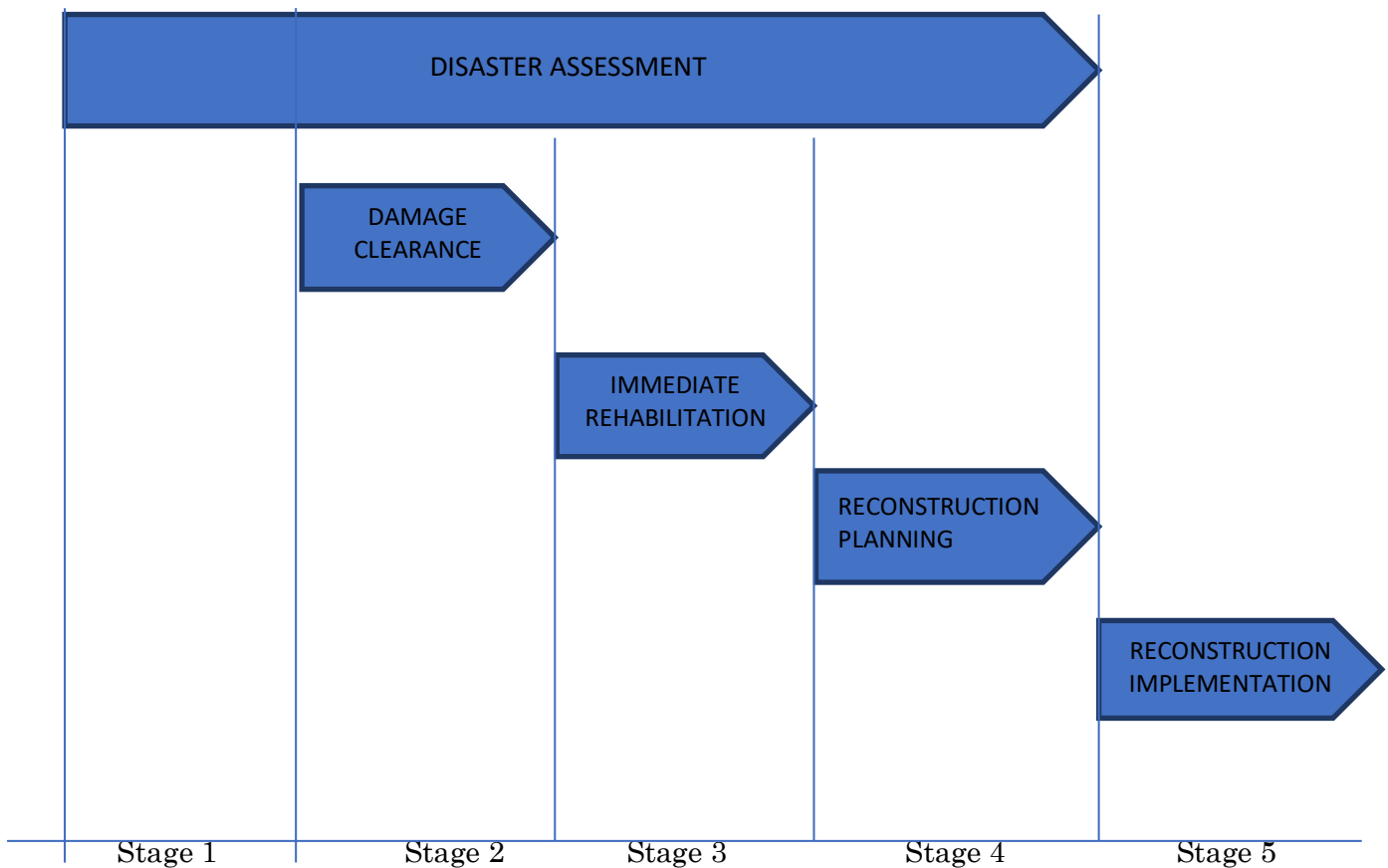
**8.1.3 Nutrition Centred Health Assessment (NCHA)** evaluates the health and nutritional status of children under the age of five as the point of contact to detect and assess a full range of health problems. This assessment technique is used for analysing the plight of refugees and displaced persons due to natural disaster or man-made disaster like wars.

**8.1.4 Remote Sensing and Aerial Photography (GIS based)** can be valuable in determining the extent of damages caused by a disaster in the form of satellite

imageries. These tools also offer the possibility of acquiring data over remote regions or areas made inaccessible by disruption of roads and other communication systems. These also help in disaster assessment and reconstruction planning. Remote sensing and aerial photography by aircraft and satellites are valuable information gathering tools for damage assessment after earthquakes, cyclones and floods.



**In terms of timing Recovery related to Reconstruction passes through five stages.**



*Source : Yasemin Aysan and Ian Davis, 1993.*

Due to the overwhelming demand for human resources in the post catastrophe scenario, wide range of players including the public, private and voluntary sectors of the society need to be involved. In the post disaster scenario while planning for disaster recovery it should be made certain that i) available players are involved, ii) qualified players are given appropriate tasks, iii) for each task

there is a clear definition of authority, resources and accountability and iv) players are co-ordinated by a designated focal point.

### **Arrangement Reconstruction, Rehabilitation and Recovery Measures under Kalimpong**

<b>Sl.No.</b>	<b>Task</b>	<b>Dept./Agency</b>	<b>Activities</b>	<b>Time Period</b>	<b>Source of fund</b>
<b>1</b>	<b>Damage assessment</b> – human lives lost	Hospital, Police, Red Cross. Final report prepared by the Disaster Management Department, Kalimpong	Door to door inquiry, report of death and injury tally with hospital and police	2 weeks	SDRF, SDMF
	<b>Damage assessment</b> – Sample Survey	Health, ICDS workers, NGOs	Conduct cluster sample survey, stratified sample survey, detailed sample survey, etc	4 weeks	SDRF, SDMF and funds from concerned dept.
	<b>Damage assessment</b> - Epidemiological Surveillance	Health, Red Cross & NGOs working in the field of health related issues	Door to door survey including relief camps	4 weeks	DM Fund, Concerned dept.
	<b>Damage assessment</b> - Remote Sensing and Aerial Photography (GIS based)	NRSC, IMD, GSI	Satellite imagery of disaster stricken areas	2 weeks	DM Fund, Concerned dept.
	<b>Damage assessment</b> - Damage to life line buildings, private houses and public infrastructure	Disaster Management Department, PWD Construction, and concerned department	Door to door inquiry to ascertain degree of damage	3 weeks	DM Fund, SDRF, SDMF, funds from concerned dept.
<b>2</b>	<b>Reconstruction</b> - Privately owned houses	Disaster Management Department	Construction of destroyed/damaged houses	1 year	HB Grant, Dev. Board housing, Gitanjali Housing Scheme, IAY, ISDP, Owner driven



	<b>Reconstruction</b> – Lifeline buildings, Govt.Housing, schools	PWD Construction, DPLO,GTA	Construction of destroyed/damaged public structures	1 year	SDRF,SDMF, Concerned dept
	<b>Reconstruction</b> - Roads, bridges,culverts,embankments	NH Division 9, PW Roads, GTA, MGNREGA, Irrigation & Waterways	Construction of destroyed/damaged infrastructure	2 years	SDRF,SDMF, Concerned dept
<b>3</b>	<b>Rehabilitation</b> - Post trauma care counselling	Health department, District Social Welfare and trained NGOs	Psychiatric help to victims of post trauma stress	1 year	Health dept, fund, SDRF
	<b>Rehabilitation</b> – Restoring livelihood, Food for work schemes	Disaster Management Dept., District Social Welfare, DPRDO	Schemes to restore normalcy by providing food for work schemes, MGNREGA	1 year	DM Fund, SDRF, SDMF, DPRDO
<b>4</b>	<b>Recovery</b> – Long term recovery	Disaster Management Dept., DPLO, DPRDO	Long term recovery by integrating disaster mitigation into Developmental programmes	Till next disaster	SDMF, All available funds

As per the NDMA guidelines the nodal departments are to diligently work for reconstruction and restoration activities and restore the minimum basic infrastructure in the area which is vital for sustaining human life in the area.

# **Chapter 9**

## **Financial Resources for Implementation of DDMP**

## Chapter 9

### Financial Resources for implementation of DDMP

**9.1** The Disaster Management Act 2005 Section 47(1) provides for setting up of a National Disaster Mitigation Fund (NDMF) for projects exclusively for the purpose of disaster mitigation under NDMA. Similarly section 48 sub section 1, clause (a) calls for establishing the State Disaster Response Fund, clause (b) the District Disaster Response fund, clause (c) the State Disaster Mitigation Fund and clause (d) the District Disaster Mitigation Fund. It is also to be ensured that the fund created under sub section 1 clause (a) is available to the State Executive Committee and under clause (b) is available to the State Authority and funds under clause (b) and (d) is available to the District Authority. The State Disaster Mitigation Fund (SDMF) has been created for West Bengal vide 534(42)-RL/O/EOC/7M-124/17, dt.22.03.2018 as mentioned under section 48 of the Disaster management Act 2005.

**9.2** In the same manner as SDMF there is a provision for creating District Disaster Mitigation Fund and District Disaster Response Fund for districts as per section 48, sub section 1, clause (b) and (d).

The Central Government contributes 75% of the fund under SDRF and 100% of NDRF is Central Government sponsored.

The mitigation measures as laid down in the DDMP are implemented with the help of Disaster Fund at the disposal of the DDMA, Kalimpong chaired by the District Magistrate. The Fund is used by the DDMA towards meeting expenses for preparedness, emergency response, relief, rehabilitation in accordance with the guidelines and norms laid down by the Government of India and the State Government. All line departments, PRIs and ULBs have to prepare and submit DM plans including the financial projections to support these plans on yearly basis.

### Tentative expenditure towards disaster mitigation under Kalimpong district:

Name of Scheme under Kalimpong	Amount involved	Remark
AWS with inverter and net connectivity (Automatic weather station for real time rainfall, wind speed, temperature etc. with Mobile App WeatherLink) (4 nos.)	Rs.12,00,000/-	
Flood cum Cyclone Rescue shelter (4 nos.)	Rs.2,50,00,000/-	
Inflatable Tower Light ( 5 nos.)	Rs.12,50,000/-	
Search Light (10 nos.)	Rs.1,00,000/-	
Training, Awareness, Mock Exercises	Rs.27,00,000/-	

### 9.3 Disaster Risk Insurance

A very important part of disaster resilience of the society is the ability of bouncing back to normal life at a very short period. In this regard reconstruction of damaged infrastructure for the government and reconstruction of damaged buildings/houses for private owners will involve huge cost. Many private owners may not be able to recover on their own. The poorer section could be pushed even deeper into poverty in such cases. Agricultural loss, cattle loss will compound the devastating impact in terms of revenue loss. In such a scenario transferring risk by way of insurance of property is an effective recovery measure.

With little or no access to formal insurance mechanisms, or any awareness or interest on the part of Insurance companies, for disasters, the people are forced to delve into their savings for restoration of property, crops, cattle or treatment of injury, depleting their assets when disaster strikes and are forced into even deeper poverty. Mechanisms like social safety nets, risk sharing or pooling programmes, and insurance tools could help smooth household incomes when shocks occur. This smoothing effect can help low-income households avoid sacrificing longer-term investments in health, education, and livelihood assets when natural hazards occur. Insurance for crops and cattle which account for the maximum economic losses in times of disasters, even low key landslides, cyclonic wind or hailstorm needs to be expanded and made simpler and farmer friendly. Individual assets owner can opt for traditional Insurance, micro insurance, Insurance linked securities, etc.

Proposal for Insurance of Relief Godown :

Name of Godown	Location of godown	Yearly Premium	Insurance coverage amount	Executing Agency
District Relief Godown	Dist.Head Quarters, Kalimpong	Rs.25,004/-	Rs.83.09 lakh	National Insurance Company Ltd.
Kalimpong-I Block Relief Godown	Block Head Quarter	Rs.27,402/-	Rs.91.06 lakh	-do-
Lava Block Relief Godown	Block Head Quarter	Rs.23,364/-	Rs.77.64 lakh	-do-
Gorubathan Block Relief Godown	Block Head Quarter	Rs.31,722/-	Rs.105.42 lac	-do-

**Chapter 10**  
**Procedure &**  
**Methodology for**  
**Monitoring, Evaluation,**  
**Updation &**  
**Maintenance of DDMP**

## Chapter 10

### Procedure and methodology for monitoring, evaluation, updation and maintenance of DDMP

#### 10.1 Authority for maintaining and reviewing the DDMP

The authority for maintaining and reviewing the DDMP has been vested in the District Authority vide section 31 clause (4) of the Disaster Management Act 2005 which says that the District Plan shall be reviewed and updated annually, and as per sub section (7) the District Authority shall review from time to time, the implementation of the Plan and issue such instructions to different departments of the Government in the district as it may deem necessary for the implementation thereof. The DDMP for Kalimpong district is maintained, reviewed and updated annually during the period from January to March.

<b>10.2</b> Proper Monitoring and Evaluation of the DDMP	Both processes are managed by the District Authority with the assistance of OC,DMS& Disaster Management Officers at the district Hq. Regular trainings and Mock exercises are held at different locations of the district and any loop holes or gaps in the DDMP are rectified and best practices followed.
<b>10.3</b> Post-disaster evaluation mechanism for DDMP	Post-disaster evaluation is carried out by the District Authority along with the DDMC & other line depts. The whole process of incident management is carefully documented and required reports are sent to the state. Loop holes and gaps are laid down on the table discussed with aim to plug such gaps and be more prepared for the future.
<b>10.4</b> Schedule for updation of DDMP : Regular updation process for the DDMP, reflecting sections that need updation at various intervals	DDMP is updated every year after a coordination meeting with line departments during the month from January to March. Mock exercises are conducted as per the disaster profile of the district and new ideas are included in the updation.
<b>10.5</b> Uploading of updated plans at DDMA/ SDMA websites	The uploading of approved updated plan is done at the state level. In the district it is uploaded by the NIC.

**10.6** Conducting mock drills at district and sub district levels, at least annually, is important for the district as per approved Mock drill calendar. It would ensure that all parties understand their roles and responsibilities clearly and understand the population size and needs of vulnerable groups involving them in the actual exercise. It would also help to test the efficacy of the plans prepared. Based on feedback from such simulation exercises, the plans will have to be revised and capacity would be enhanced to fill the gaps. While indicating the mock drill plan of action, it is essential to list down :

10.6.1 The Responsible parties for organizing district drills	Resource persons from the District Disaster Management Department, Kalimpong,
10.6.2 Schedule for organizing drills	As per Govt. order twice a year (in February and November)
10.6.3 Resources for organizing drills.	DM Fund available at the district
10.7 Monitoring and gap evaluation	Based on experiences gained by mock exercises
10.7.1 Checking whether all the personnel involved in execution of DDMP are trained and updated on the latest skills necessary in line with the updated plans.	Orientation programs can be carried out with the help of PowerPoint presentation
10.7.2 Check that the on –site /off-site emergency plan of major chemical, industrial and nuclear installations are received at DC Office.	Not Applicable

**Chapter 11**  
**Coordination**  
**Mechanism for**  
**Implementation of**  
**DDMP**



## **Chapter 11**

### **Coordination mechanism for implementation of DDMP**

#### **11.1 Intra and inter-Department coordination with horizontal linkages:**

Departmental coordination is maintained vertically and horizontally at all times. Vertical linkage is maintained by way of yearly meeting of disaster preparedness, review and updation of DMPs of all line departments. Whenever there are mock exercises or mega mock exercises precursory meetings are held on regular basis. Disaster Management is presented as one of the agenda in the monthly DLMC meeting also. During monsoon contact is maintained with the affected department and information is obtained as frequently as the situation necessitates and assistance is provided if required.

#### **11.2 Coordination mechanism with NGOs, CBOs, Self Help Groups (SHGs), Industries, private schools and hospitals with horizontal and vertical linkages:**

Linkages are maintained with hospitals, industries through actions as mentioned at para11.1. NGOs working particularly in the field of Disaster Management and Child protection are kept in the loop through meetings and capacity building programmes held in different parts of Kalimpong district from time to time including DRMP. A training programme regarding Child Centred DRR and paying special attention to children during disaster was held on 01.02.2021 involving DSWO,DCPU,DPO,ICDS and related local NGOs. Coordination is built at individual levels too. Coordination is maintained with the CBOs, SHGs through respective BDOs and BDMOs. Many schools from different corners of Kalimpong district have been covered under National School Safety Programme.

#### **11.3 Coordination with block/ village level Task Force(s) with vertical linkages as also inter-block and inter-village coordination with horizontal linkages :**

This mechanism is maintained through Gram Panchayat level meetings and sansads.

#### **11.4 Coordination system with state departments and training institutes at state and district level:**

Coordination with state departments is maintained through respective line departments and in respect of Disaster Management Dept., Kalimpong contact is maintained with Disaster Management Department, Directorate of DMD, Directorate of Civil Defence. Administrative Training Institute(ATI), Salt Lake contacts the Disaster Management Dept. or RTC under District Magistrate for trainings.

### **11.5 Intra-block and intra-village coordination:**

Intra-block and intra-village coordination is maintained through block level disaster meetings and development meetings.

**11.6 Coordination with local self government (Panchayat Raj - ZilaParishad, intermediate level, if any, and Gram Panchayat and Urban Local Bodies). The responsibilities of local authorities are already listed in the Act. However, these local authorities are required to function “subject to the direction of district authority” (section 41 of the DM Act 2005); hence the need for a vibrant coordination system at these levels.**

Contact and coordination is maintained with the Panchayat Raj functionaries by the respective Block Development Officers with the help of BDMOs/BDMOs-in charge. Liaison is maintained with the ULBs at the SDO level and the District level and necessary guidance is provided while preparing DMP by these departments.

### **11.7 Linkage with DDMPs of neighboring districts**

Linkage is maintained as per standard protocol.

### **11.8 Linkage with SDMP**

The DDMP is prepared as per rules laid down by the Disaster Management Act, 2005 and as aided by NDMA guidelines. Therefore, the DDMP Kalimpong is prepared with a view to not only implement overall development of disaster management administration and related activities but also to contribute in the larger preparation of the state by means of SDMP, West Bengal.

# **Chapter 12**

## **Standard Operating Procedure (SOP) & Checklist**

## Chapter 12

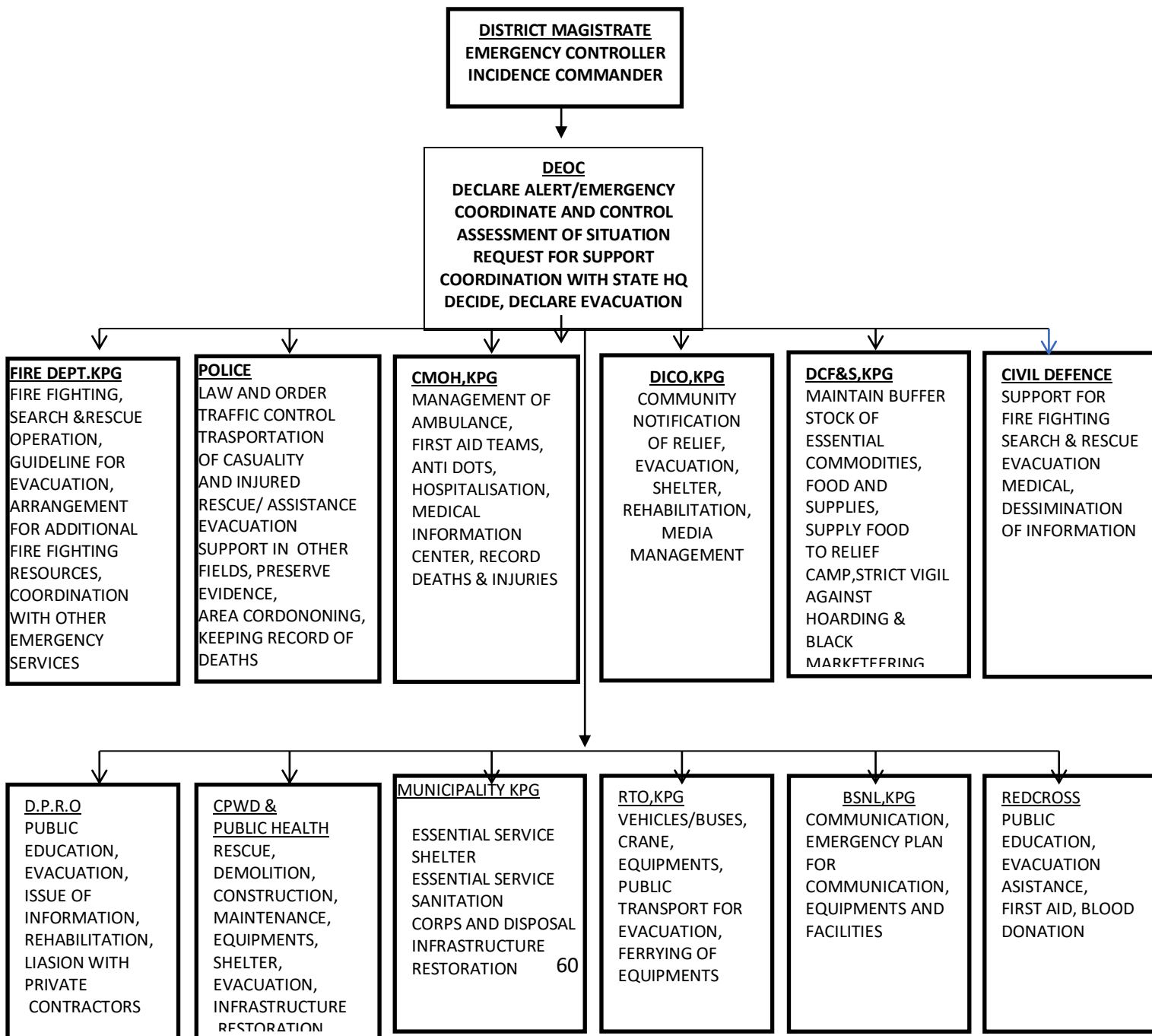
### Standard Operating Procedure (SOP) and checklist

SOPs and checklists could be prepared for various stakeholders' effective response. These can be made based on the functioning of Emergency Support Function (ESF) groups or **IRS**. Depending on the hazard profile and level of exposure the district should decide in a participatory way the number of ESF covering all the above. The SOPs would briefly describe the following:

#### 12.1 Definition of disaster situations :

After the occurrence of a disaster incident whether natural or human induced the DDMA Kalimpong will decide if it merits activating the full response system or not. If the DDMA finds the disaster incident beyond the handling capacity of individual concerned department it will activate the Incident Response System in order to make a response that is comprehensive, effective, swift and well planned.

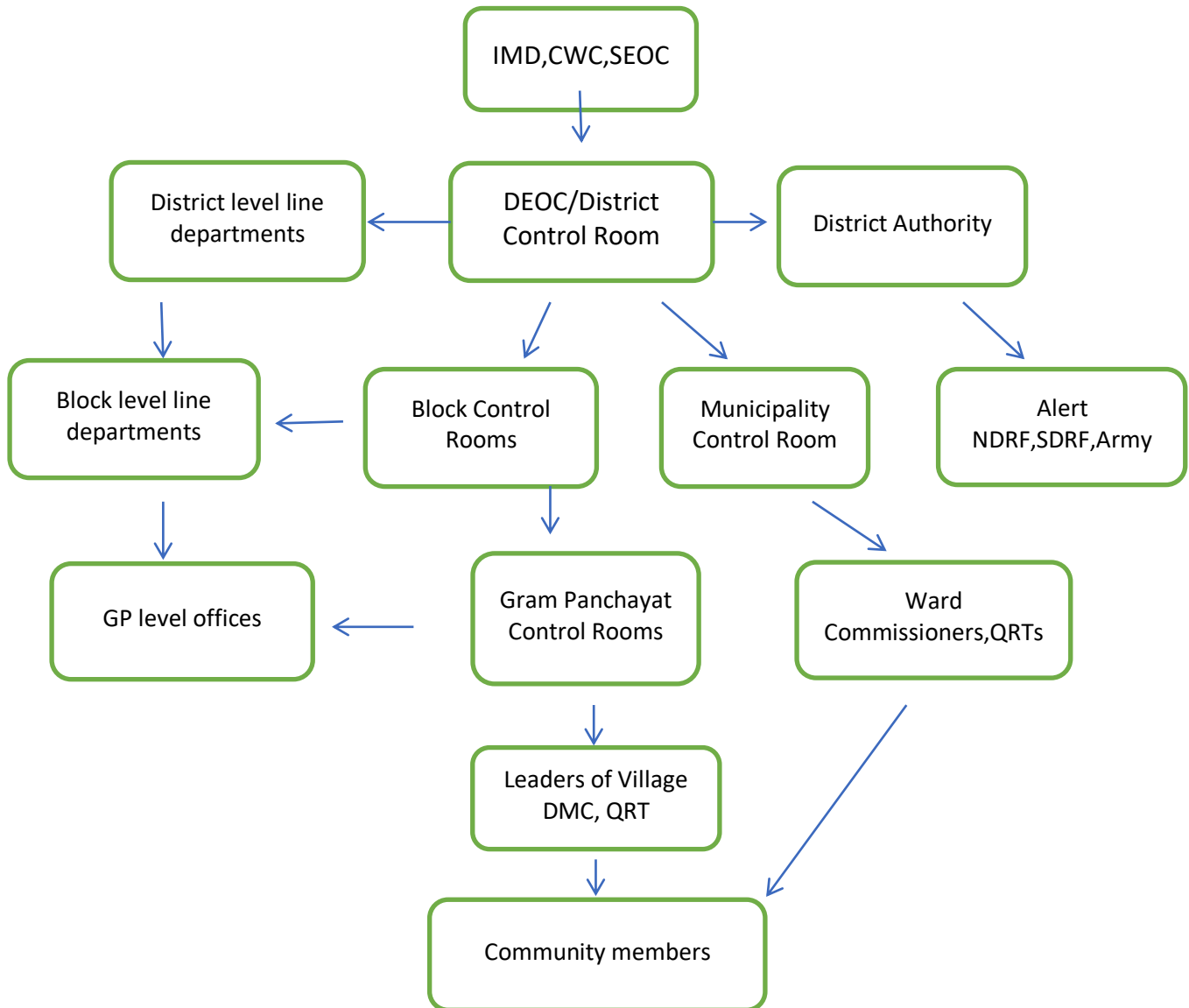
#### KALIMPONG DISTRICT EMERGENCY RESPONSE STRUCTURE



## 12.2 Action on receipt of warning and warning dissemination

In case of Early Warning of an impending hazard the following action will be taken : Upon receipt of warning DEOC will inform the in-charge of the Control Room and he in turn will inform the District Authority.

## 12.3 Information management and dissemination strategy



*Pic: Flow of information (With Early Warning)*

## 12.4 Process to access financial and technical resources (departments and stakeholders) for emergency response;

Section 50 clause(a) of the DM Act, 2005 states that the National Authority, the State Authority or the District may authorise the concerned department to make the emergency procurement if it is found that immediate procurement of provisions or materials or the immediate application of resources are necessary

for relief or rescue. For the purpose of minor emergency works, construction of relief camps and for purchase of dry food Contingency Fund may be used if available with the Disaster Management, Kalimpong.

### **12.5 Roles and responsibilities of the department or/and stakeholders in emergency response;**

- i) After the incident of disaster having taken place the DEOC will operate in its full capacity and information will be gathered and collated.
- ii) After the activation of IRS the Responsible Officer/Incident Commander will assume charge at Incident Command post and call an emergency meeting of IRT Section chiefs on the basis of information at hand and also corroborated by initial inspection of disaster site/sites.
- iii) Incident Action Plan (IAP) verbal or written will be prepared, depending upon the magnitude of the disaster.
- iv) List of required types of resources will be placed and IDRN website will be checked for requirement of equipment or machineries if unavailable. Based on ETA of outside resources the action plan is made.
- v) Ideally IAP operation will be for not more than 12 hours.
- vi) Various agencies under the supervision of Operations chief will launch rescue, evacuation, salvage operation accompanied by First Aid teams.
- v) Rescued victims will be sent to the triage centre where they will be forwarded to definitive health care or released after first aid depending upon assessment by on site doctors.
- vi) Homeless victims will be sent to Relief Camps where gruel kitchens will be opened for feeding them including baby food. Foodgrain will be provided by the District Authority and in the event of insufficient food grains the same will be procured by the DCF&S, Kalimpong.

### **12.6 Media management strategy during emergency response:**

Information will be released to press at particular interval by the Information Officer as per the IRS, in this case by the DICO, Kalimpong or whosoever is deemed fit by the District Authority.

Media will be used effectively as not only the mouthpiece of the department but also to dispel any fear, rumour or distorted information, etc. In case of a disaster affecting a large area information received from the media regarding an area that may not have been accessed by the Rescuers can be put to good use. Electronic media can be used to disseminate any new information regarding a disaster. If properly managed the media can be used as an effective tool for spreading dos and don'ts about the present disaster situation.

### **12.7 Request for state government assistance**

Any request for state government assistance will go through the District Authority.

**12.8 Relief and Rehabilitation Norms (Standards) Emergency Response/ Support Functions:** As per extant rule.

*Mobilisation of IRT, QRT & CDV Annexure IV, III & VII enclosed.*

**Chapter 13**  
**Dam Safety Plan for**  
**NHPC Teesta Low Dam**  
**Project(As received**  
**from NHPC-TLDP III)**

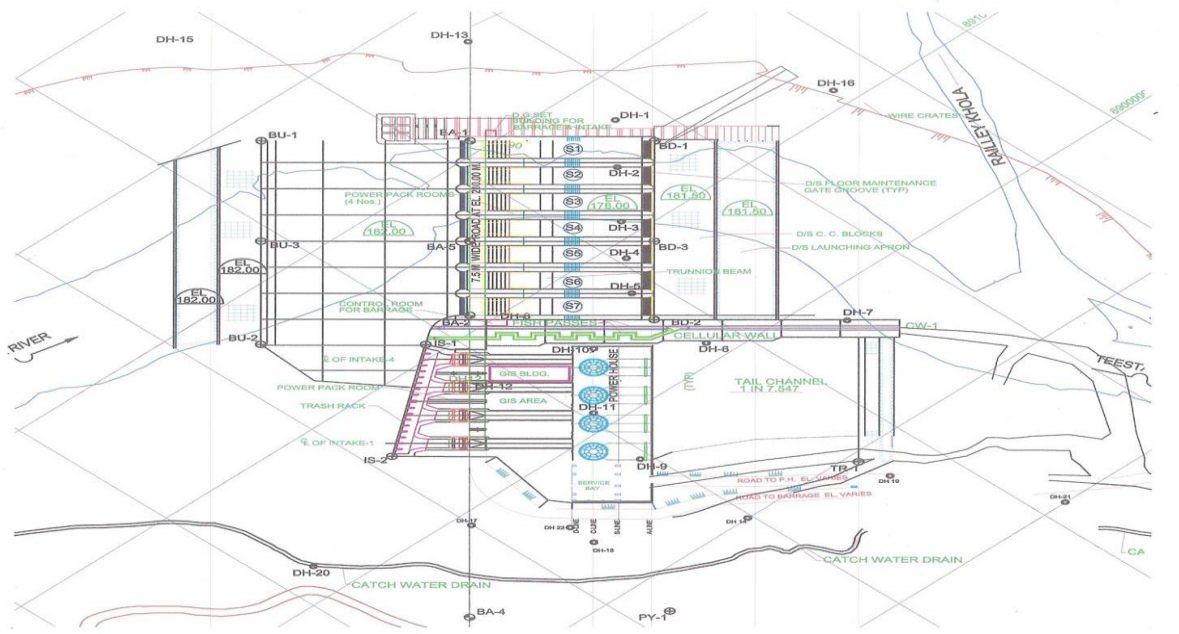
## Chapter XIII – Dam Safety Plan NHPC-TLDP

# TEESTA LOW DAM-III POWER STATION Rambi, Distt, Darjeeling (WB)

### SITE MAP FOR DISASTER MANAGEMENT PLAN/EMERGENCY PREPAREDNESS PLAN

A

#### Power House Layout Drawing - 1



### 1.0 DESCRIPTION AND LOCATION OF TLD-III BARRAGE

TLD-III Barrage is the last but one, in the series of four projects named TLDP-I, II, III & IV respectively all in the state of West Bengal envisaged as a run of the river scheme in a cascade development on the lower stretch of Teesta river. TLD-III PS is located 7.2km downstream of Teesta Bridge and is bounded by Latitude 27° 0' N and Longitude 88° 27' 30" E. Besides regulating the discharge, the barrage shall also raise the water level and provide a higher head for power generation. The FRL for the project has been kept at El. 208m to keep the submergence and related problems to a minimum. The MDDL has been kept at El. 203m to provide storage for peaking during lean flow period. The water in excess of the requirement of power generation shall be passed through seven (7) spillway bays regulated by radial gates. The crest of the barrage/spillway has been kept at El 183 m, i.e. almost at the riverbed so that retrogressive silt flushing near the intakes is effective. Therefore, no separate silt exclusion arrangement has been provided. A comprehensive Reservoir Operation Manual has been adopted and always kept available at Barrage Control Room, which operated at round the clock for monitoring and maintaining gate operation and reservoir as per requirement of Power Generation schedule, flood control etc. During the non monsoon season the reservoir operates close to the FRL and during monsoon season the reservoir shall be maintained at EL. 206.0m, so as to reduce the quantum of sedimentation in the live storage of reservoir & managing flood situation The salient features of TLD-III Power station are as below:



### 1.1 LOCATION

➤ STATE	WEST BENGAL
➤ DISTRICT	Darjeeling & Kalimpong
➤ RIVER	TEESTA
➤ BARRAGE SITE	7.2 KM. D/S OF
TEESTA BRIDGE	
➤ LATITUDE	27°00'00" N
➤ LONGITUDE	88°27' 30" E

### 1.2 HYDROLOGY & CLIMATOLOGY

➤ CATCHMENT AREA	7755 SQ.KM
➤ LOCATION OF CATCHMENT	LATITUDE 27°0'N to 28°07'N LONGITUDE 88°0'E to 88°53'E
➤ AVERAGE ANNUAL RAINFALL	2218MM
➤ MAXIMUM TEMPERATURE	37°C
➤ MINIMUM TEMPERATURE	8°C

### 1.3 RESERVOIR

➤ FULL RESERVOIR LEVEL (FRL)	EL 208.0M
➤ MIN. DRAW DOWN LEVEL (MDDL)	EL 203.0M
➤ GROSS STORAGE	18.36 M CUM
➤ AREA UNDER SUB-MERGENCE AT FRL	156.49 HA
➤ CAPACITY AT MDDL	11.57 M CUM
➤ LIVE STORAGE	6.79 M CUM

### 1.4 BARRAGE

➤ TYPE	RCC RAFT WITH PIERS
➤ TOP ELEVATION	EL 210.0 M
➤ CREST ELEVATION	EL. 183.0 M
➤ DOWNSTREAM FLOOR LEVEL	EL. 178.00 M
➤ LENGTH OF FLOOR	190.0M
➤ UPSTREAM FLOOR LEVEL	EL.182.0M
➤ UPSTREAM FLOOR THICKNESS	1.5m
➤ LENGTH AT THE TOP	144.50 M
➤ THICKNESS OF PIER	3.5m
➤ HEIGHT OF BARRAGE	32m (from
Stilling basin)	

### 1.5 SPILLWAY

➤ DESIGN FLOOD FOR SPILLWAY	10430 CUMECS
➤ TYPE	GATED WEIR WITH BREAST WALL
➤ CREST ELEVATION	EL 183.0 M
➤ NUMBER & SIZE OF SPILLWAY OPENING	7 NOS , 14 M X 14M
➤ TYPE OF GATE	RADIAL GATE
➤ DESIGN DISCHARGE FOR ENERGY DISSIPATION	5850 CUMEC

### 1.6 DIVERSION ARRANGEMENT

➤ TYPE	DIVERSION CHANNEL AND DYKES
➤ DIVERSION CAPACITY	4700 CUMECS
➤ HEIGHT OF CONCRETE COFFER WALL	21.6 (MAXIMUM)
➤ HEIGHT OF DYKES	15.76 M

### 1.7 INTAKE

➤ OVERT LEVEL	El.198.25 M
➤ INVERT LEVEL	El 189.15 M
➤ NUMBER & SIZE OF GATE OPENING	4 NOS ; 7.0 M X 7 M
➤ STOPLOGS OPENINGS	4 SETS 7 M X 7 M

### 1.8 PENSTOCK

- NUMBER
- SHAPE
- SIZE
- LENGTH
- DESIGN DISCHARGE

FOUR  
CIRCULAR, STEELLINED  
7.0M DIA  
44 M EACH  
173.4 CUMEC(EACH UNIT)

### 1.9 POWER HOUSE

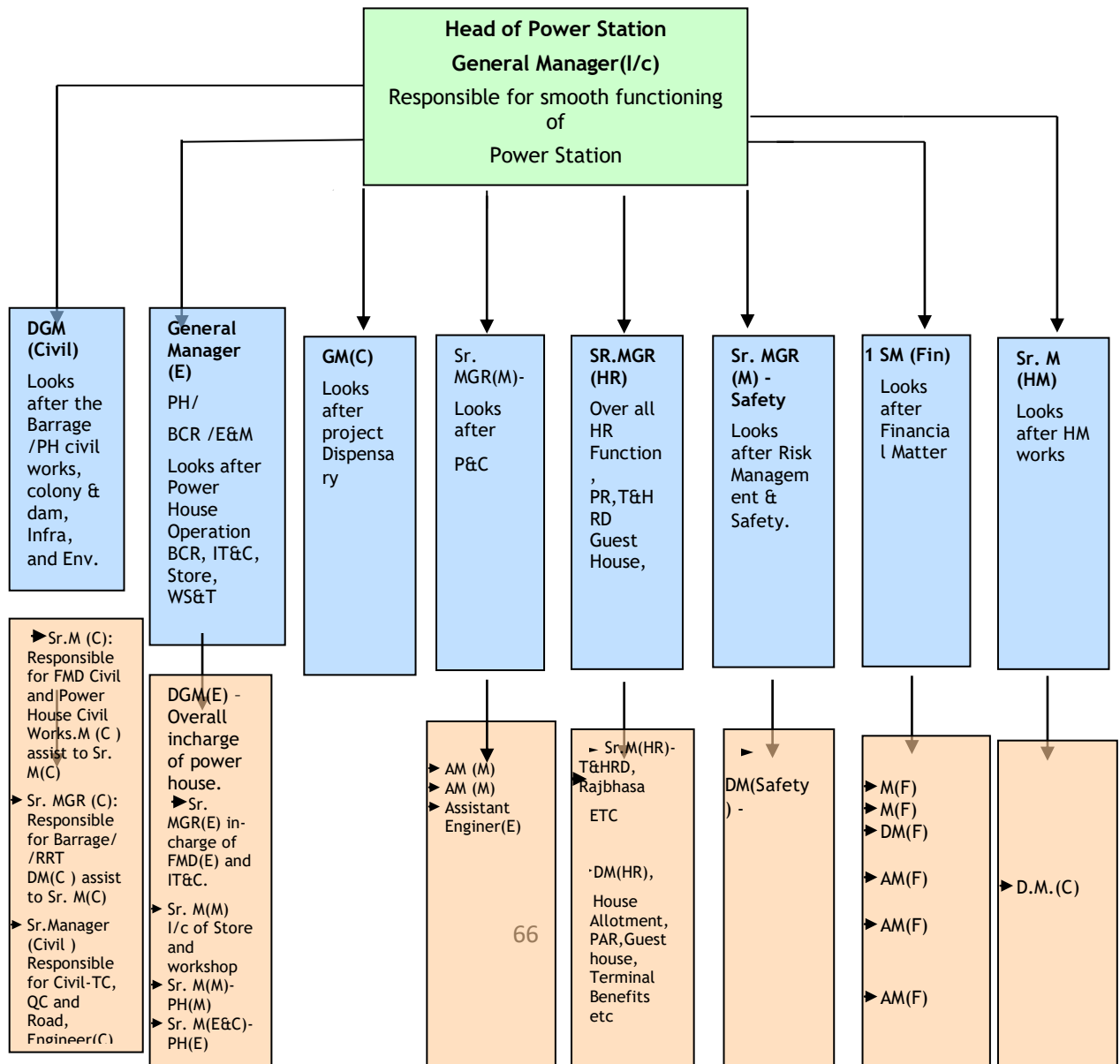
- TYPE
- DESIGN DISCHARGE
- INSTALLED CAPACITY
- POWER HOUSE
- NUMBER OF UNITS
- TYPE OF TURBINE KAPLAN
- TURBINE AXIS ELEVATION
- MAXIMUM GROSS HEAD
- RATED NET HEAD
- DRAFT TUBE GATE
- MINIMUM TWL(FOR ONE MACHINE)
- NORMAL TWL (4 UNITS RUNNING)
- MAXIMUM FLOOD LEVEL FOR 10430 CUMEC

SURFACE  
693.6 CUMECs  
4 X 33 MW  
125X23.5X56.9 M  
4 Nos.  
  
El.180.0m  
22.09 M  
21.34 M  
8 NOS.,5.95MX7.40M  
El.182.73m  
El.184.24m  
El.194.75m

### POWER GENERATION

ANNUAL ENERGY GENERATION IN 90% DEPENDABLE YEAR IS 594.0

Organization Chart of Teesta Low Dam-III Power Station is as given below:



**Contact numbers of key personnel & Control Rooms**

**A) Power Station**

Sl. No.	Name(Shri)	Designation	Intercom	Contact No.	Email id
1	A.K.Grover	GM (I/c)	201/202	9816502002	Hop-tldp3@nhpc.nic.in
2	Lakhan Hingle	GM(C)	-----	8207777921	
3	Sasadhar Das	GM (E) –PH	-----	9717133811	-----
4	Ashutosh Kumar	DGM(E) - FMD(E), IT	-----	09800003636	-----
5	Manoj Kr.Barnwal	DGM(Finance)		8170050999	-----
6	Dr. Shailendra Kumar	Sr. DCMO – Medical		9800048868	Medical-tldp3@nhpc.nic.in
7	B.K. Choudhury	Sr. Manager (C)- Barrage	-----	9800014460	
8	Manoj Kr.Shah	SM(C) – HQ, Safety		9906907944	safety-tldp3@nhpc.nic.in
9	Sajid Akhtar	Sr. Manager (E & C)-	-----	8116728130	
10	Rasmi Ranjan	SM(E) – PH		8670841489	-----

**B) Control Rooms**

Sl. No.	Place	Landline	Mobile No.
1	Administrative Office- Emergency Control Room	03552-261018	9609997473
2	Dispensary/DCMO	-----	9800048868
3	Power House Control Room	-----	9933355186
4	Barrage Control Room	-----	9933355187
5	Fire Station Control Room	03552-261018	9911574459

**C) Medical Services Facility at Power Station**

Sl. No.	Name	Mobile No.	Email id
1	Dr. Shailendra Kumar	9800048868	medicaltld3ps@gmail.com
2	Dr.Anita Lakra	9800003587	

# **Chapter 14**

## **Earthquake Mock exercise Plan Gap**

## **Chapter 14 – Earthquake Mock Exercise Gap Matrix**

The whole of Kalimpong district falls within the seismic zone IV, i.e., the second highest level of threat from the point of view of earthquake. Although Kalimpong has never been the epicentre of any earthquake in recent history but any earthquake in Sikkim, Nepal or Tibet is bound to have effect on whole Kalimpong depending upon the intensity. In case of a major earthquake the geographical location of Kalimpong which is hilly and with infrastructure spread over steep slope gradient there is every chance of the problem being compounded by earthquake induced landslides. There are many concrete buildings in the Kalimpong town area and in the surrounding areas. There are semi urban towns like Pedong, Algarah, Lava, Teesta, Jholong,etc which have witnessed mushrooming of concrete buildings in the past decade. In the event of a major tremor these areas will be badly affected and may result in building collapses. More than 50,000 people live in the Kalimpong Municipality area and a large number of people come to the town area everyday. Many schools and offices are found within a radius of 3kms of Kalimpong town. Therefore, more than adequate preparation on the part of the District Authority and other stakeholders cannot be overstated.

All preparations regarding managing during earthquake has been added in previous chapter. Equipments like circular chainsaw with the ability to cut concrete slabs or steel, heavy driller, etc. have been procured by the Disaster Management Dept. and equipment like Halmatro Hydraulic spreader have been procured by the Fire Dept.,Kalimpong which will come handy in rescue operations concerning collapsed structures. The Disaster management & Civil Defence Dept. Kalimpong is in the process of acquiring other sophisticated equipments in the future.

In view of above a Mock Exercise on earthquake is held twice a year in different parts of Kalimpong involving all stake holders including Blocks, Municipality, line departments.

# **Chapter 15**

## **Communication Plan in Case of Mobile Failure**

## Chapter 15

### Communication Plan, in case of mobile network failure :

Communication is at all times very crucial to human existence. During times of disaster it becomes a question of survival for the affected. And for the rescuers the delay in information and gap in communication will prove to be a huge set back as the opportunity to utilise the golden hour will elapse. Coordination of rescue work and collection of vital information for planning of further action will be greatly hampered in the event of communication failure. Messages of early warning will have significance only if they reach the people in time. Therefore, communication particularly during emergencies is indispensable.

During the mock exercise of 10<sup>th</sup> October 2018 earthquake emergency response was tried without using conventional mode of long distance communication like mobile phones (voice call, sms, whatsapp, etc) and telephones. It was highly challenging because it was difficult to know what was going on at different disaster sites even though the venues were pre-selected. Police wireless teams were set up at important sites and hospitals for ease of communication. However, in real life situation such amenity mostly will not be available. Even today there are many mobile shadow zones in Kalimpong district. For such a scenario modes of all weather communication system available with the Disaster Management dept. is presently limited to a satellite phone. In the past VHF sets, both static and mobile, were used as mobile phones were not available. After the advent of mobile phones the old VHF system became obsolete.

As an alternative to normal mode of tele-communication the following communicating equipments have been requisitioned for Kalimpong district :

#### Communication :

Sl. No.	Name	Requirement	Approximate cost
1	Immarsat (Satellite Phone)	4 nos. x 4 Blocks	4 x Rs.82,000/- = 3,28,000/-
2	VHF Communication set (static)	5 nos.	5 nos. x 17,000/- = Rs.85,000/-
3	VHF Communication set (mobile)	10 nos.	10 x 6500/- = Rs.65,000/-
4	UHF Communication set (mobile)	4 nos.	4 x Rs.6500/- = Rs.26,000/-
		<b>Total =</b>	<b>Rs.5,04,000/-</b>

### Future Plan of Action

Sl. No.	Name	Requirement	Remark
1	HAM Radio	Awareness generation among the youth regarding HAM radio as a hobby	
2	Satellite Phone	If all BDOs are connected by satellite phone communication with the District hq will be seamless	
3	VHF, UHF Sets (Static)	Static sets can be placed at district, sub-division, block and gram panchayat offices	
4	VHF, UHF (mobile)	If provided to each GP, Block, District hq communication will can be closed to a great extent. Mobile units can be provided to CD Volunteers during times of emergency for spot reporting and coordinating with the DEOC	
5	Police Wireless System	In the absence of all above mentioned items police wireless system is the only option for thana to thana message	



# **Chapter 16**

## **List of Heritage Buildings**

### Chapter 16 – List of Heritage Buildings

Name of Heritage	Address	Significance	Year of construction	Block/ Municipality	Whether prone to inundation (Y/N)	Whether located in Landslide/Eq/ Cyclone/Tsunami/Prone Zone. If so specify	Whether sufficient Fire Fighting Arrangements are there	Any special measures taken for disaster risk reduction, if any	Remarks
Gauripur House	Below Hill Top, Ringkingpong Road, Kalimpong	Nobel Laureate Rabindranath Tagore's favourite place where he celebrated his 78 <sup>th</sup> birthday and composed a poem named 'Janmadin'	Before 1926	Kalimpong Municipality	No	Earthquake zone IV	No	No	Old and unmaintained. Presently a caretaker's family lives there.
Morgan House	Ringkingpong Road, Durpin, Kalimpong	It's a British Colonial mansion. Presently it is boutique hotel run by WBTDC	Early 1930s	Kalimpong Municipality	No	Earthquake zone IV	Yes (Fire extinguishers installed)	No	Nil
Chitrabhanu	Atisha Road, Kalimpong	The cottage was built by Protima Devi, the daughter-in-law of Rabindranath Tagore to train women of the hills in art and craft.	8 <sup>th</sup> August 1943	Kalimpong Municipality	No	Earthquake zone IV	No	No	Nil

Katharine Graham Memorial Church	Dr.Graham s Homes GP, Kalimpong I	Protestant Church built by Dr.John Anderson Graham, a Scottish missionary	24 <sup>th</sup> Sept. 1925	Kalimpong I Block	No	Earthquake zone IV	NA	Repair & retrofitting going on at present	Presently closed due to damages caused earthquake of 2011.
McFarlen Church	K.D.Pradhan, Kalimpong	Rev. William Macfarlen, a Scottish missionary was the founder of this older oldest church in Kalimpong	1 <sup>st</sup> Nov. 1889	Kalimpong Municipality	No	Earthquake zone IV	Yes (Fire extinguishers installed)	No	Damages due to earthquake of 2011.
Tharpa Choling Monastery	Tripai Road, Tripai, Kalimpong	Geshe Rinpoche Ngawang Kalsang ” the Great Doctor” of Tibetan medicine founded the monastery of ‘Gelugpa’ sect.	1912	Kalimpong Municipality	No	Earthquake zone IV	Yes (Fire extinguishers)	No	Nil
Thongsa Gumba	L/Gumbhatta, Kalimpong	Also known as the Bhutanese Monastery this is the oldest monastery in Kalimpong.	1678 & 1964	Kalimpong Municipality	No	Earthquake zone IV	Yes (Fire extinguishers)	No	Nil
Zang Dhok Palri Monastery (Durpin)	Durpin, Kalimpong	It is a Tibetan Buddhist monastery. It houses many rare scriptures brought from Tibet including the 108 volumes of ‘Kangyur’.	1970	Kalimpong Municipality	No	Earthquake zone IV	No	No	Nil

**Chapter 17**  
**National School Safety**  
**Programme (NSSP)**  
**Kalimpong**

## Chapter 17

### National School Safety Programme (NSSP) Kalimpong

Time Frame : 2014 - 2017

No. of Schools selected: 50 nos.

Kalimpong District was one of the few districts that were selected for National School Safety Programme (NSSP) while it was a sub division under Darjeeling district. Kalimpong was selected because of the fact that it lies under seismic zone IV where an earthquake of above VIII magnitude is very much possible. Under the NSSP 50 nos. of schools (Secondary, Primary, Govt. or Govt. sponsored, private) were selected from different parts of the district for spreading consciousness among students regarding saving themselves and helping others during earthquakes. Under the programme formation of School Disaster Management Committee, Disaster Management Teams(DMT), School Disaster Management Plan, earthquake evacuation, general school safety,etc were taught through different training programmes, awareness programmes and through means of IEC materials. Mock drills were carried out in all participating schools. Awareness was spread through means of elaborate programmes like sit and draw competition, easy competition, poetry competition and rallies with the theme of Earthquake/Landslide. Under NSSP more than 100 nos. of teachers, 74 nos. of non-teaching staff and 2013 nos. of students were trained regarding school safety, hazard hunting, first aid, basic search and rescue techniques, fire safety,etc.

List of Schools covered under NSSP, total no. of teachers, students

Total no.of schools covered	Name of Block/Municipality	Total no.of participating Teachers/non-teaching staff	Total no.of participating students	Battery operated siren distributed	Fund disbursed for non-structural mitigation @Rs.14,250/-
50	Blocks – 03, Municipality - 01	174	2013	50	Rs.7,12,500/-

# **Chapter 18**

## **Crowd Management Plan**

## Chapter 18 – Crowd Management Plan

According to the WHO a mass gathering of people is defined as ‘more than a specified number of persons at a specific location for a specific purpose for a defined period of time’. In India there are many instances of crowd disasters in the form of stampede leading to loss of life or limb. Large crowd gathering events if not properly managed can easily get out of hand and lead to stampede, pollution, environmental degradation, severe traffic delay, public nuisance and even riots. Therefore, it is imperative to have a crowd management plan in such scenarios.

However, Kalimpong District being a small district has no such big events. Events of considerable crowd gatherings are given below :

Large crowd events	Locations	Estimated crowd strength as per past year record	Organizing body	Resources deployment by district administration in manpower/equipment/vehicle, etc.
Buddha Purnima	Whole Town area under Kalimpong Municipality	Approx. 3000 nos. (record unavailable)	Buddhist Associations	10 nos. of CD Volunteers as QRT, 01 no. Rescue Van with equipments
Independence Day Celebration	Mela Ground & Town Hall, Kalimpong	Record unavailable but 10,000 approx.	Independence Day Celebration Committee, Kalimpong.	10 nos. of CD Volunteers as QRT, 06 nos. on Standby at the DEOC, 01 no. Rescue Van with equipments (crowd management is done by the volunteers of the organising committee and police administration)
Phulpati Shovayatra	Kalimpong Town under Kalimpong Municipality	Record unavailable 3000 nos. approx. figure	Gorkha Sanskriti Sanrakshan Samity	10 nos. of CD Volunteers as QRT, 01 no. Rescue Van with equipments
Durga Puja immersion	Kalimpong town and Teesta bazar	Record unavailable . 2000 nos. approx. figure	Local Clubs from Kalimpong	10 nos. of CD Volunteers as QRT, 01 no. Rescue Van with equipments

# *Annexures*



## Annexure I

### *Vulnerable areas including D.M.Vulnerability Format*

#### **1. Vulnerable areas under Kalimpong Municipality(Landslide & earthquake)**

<b>Sl.No.</b>	<b>Name of vulnerable area</b>	<b>Name of temporary rescue shelter</b>	<b>Remark</b>
1	Ward No. VII- 10 <sup>th</sup> Mile to 11 <sup>th</sup> Mile	Village Community Hall	
2.	Ward No. VIII – 10 <sup>th</sup> Mile to Prannami School	Village Community Hall	
3.	Ward No. XII – Kazi Compound near Bagdhara Bordering Bong Busty- Dungra Khasmahal	Municipal Jr. Basic School	
4.	Ward No. XIII- Near S.S.B. Office- Below Children Homes(Faith Home)	Kumuduni Homes School	
5.	Ward No. XV- Upper Bong Busty	State Grainage Building / East Main Road Pry. School	
6.	Ward No. XVI Animal Shelter area, Butuchary area & Durpin Gumba area	Village Community Hall	
7.	Ward No. XVII-Upper Chibbo near GREF and M.E.S. Office	Development Primary School	
8.	Ward No. XIX – Chhibbo Church Area	Development Primary School	
9.	Ward No. XVIII- Chandralok to Warning Golai	Village Community Hall	
10	Ward No. XXI – Chandralok to Dumchipakha	Govt. High School/DumshiPakha Community Hall	

11.	Ward No. XXIII – Dhobi Dhara to Warning Golai	Junior Basic School	
12		<b>AtithiGriha, Kpg Municipality</b>	<b>Accommodation for Rescue forces</b>

## 2. Vulnerable areas under Kalimpong I Development Block

Sl.No	Name of vulnerable area (GP-village)	Name of temporary rescue shelter	Remark
1	Pabringtar –Khopigaon	Community Hall	
2	Pabringtar - Lungrep	Lungrep Primary School	
3	Pabringtar- Chuikhim	Chuikhim Mine Pr. School	
4	Teesta -D.I.Fund	Community Hall	
5	Teesta – Kirney	Kirney Community Hall	
6	Teesta-Manpari Busty	Community Hall	
7	Bhalukhop– Chamragodam	Champamaya Jr. Basic School	
8	Bhalukhop - Dantey	Community Hall	
9	Bhalukhop-Mahakal Dara, Soureni	Basantamaya Jr. basic School	
10	Bhalukhop –Newargaon	Chhakkimaya Pr. School	
11	Sindepong -Gairigaon	SHG Meeting Hall	
12	Samthar -Lower Dong	Lower Dong Pr. School	
13	Samthar -ChotaSuruk	ChotaSuruk Pr. School	
14	Samthar -Bara Suruk	Old R.C. Mission School	
15	Samthar -KabiGaon	Kabi Pr. School	
16	Samalbong–Yokbong	Upper Samalbong Jr. Basic School	
17	Samalbong -Lower Pabung	Loleygaon Pr. School/Nepali Dara	
18	Samalbong-Line Dara	SevaSangh Rural Library	
19	Samalbong -Syaprong Busty	Community Hall	
20	Samalbong-CapchakhePakha	Bhaktimaya Pr. School	
21	Nimbong -Sareksa	Reon Pr. School	
22	Nimbong –Centregaon	Nimbong Pr. School	
23	Nimbong -Lower Gheshok	Lower Gheshok SSK centre	

24	Nimbong-ChettriJhora	Nimbong Pr. School	
25	Nimbong -Paila Line	Paila Line I.E.C. Mission School	
26	Lower Echhey- TamangGaon	Krishnakali School	
27	Lower Echhey - Kami Gaon	R.K.Mossion Pr. School	
28	Kalimpong - 8th mile	Saraswati Pr. School	
29		<b>Teesta Community Hall</b>	<b>Accommodation for Rescue forces</b>

### 3. Vulnerable areas under Lava Development Block

Sl.No.	Name of vulnerable area (GP-village)	Name of temporary rescue shelter	Remark
1	Santook - Lama ward sansad no VII	Community Hall &Algarah High School	
2	Santook – Jhilkey DharaSansad no. VIII	Community Hall &Algarah High School	
3	Paiyong - Lower GairiGaon& DungamaliGaon	SSK DungmaliGaon	
4	Paiyong - BidyangLepchaGaon	Bidyang Primary School	
5	Paiyong – Bidyang Shorong Gaon	South Bidyang SSK	
6	Dalapchand - Lower Bidyang(Sansad III)	Kapthang SSK Centre	
7	Dalapchand - Lower Dalapchand (Sansad II)	Lower Dalapchand Pry. School	
8	Sangsay - Lower Burmaik	Lower Burmaik Pry. School	
9	Sangsay - NaragSangseer GCP	Division Bunglow GCP	
10	Sangsay - Upper Munsidhura	Sangseer GCP	
11	Sangsay - Lower Bimbong	SangsayKhasmahal Pry. School	
12	Sangsay - Lower Tumlabong	Tumlabong Club Ghar	
13	Sangsay - Lower Kharka	Kharka Sai School	

14	Sangsay – Kharka Malibasey	Kharka GraminPustakalay	
15	Sangsay – Kharka Saureni	Kharka GraminPustakalay	
16	Sangsay - Lower Khamdong	Praman Singh Pry. School	
17	Sangsay - Middle Pethong	Chumi Pry. School	
18	Lolay - Moolpala	Mool Pala Pry. School	
19	Gitdabling - Beong	Gitdabling G.P. Office	
20	Lava-Gitbeong – Mandir Gaon,Lower Nokdara	Nokdara Primary School	
21	Lava-Gitbeong - Lower Passabong	B.B. Pry. School	
22	Lava-Gitbeong - GitKolbong	GitKolbong Pry. School	
23		<b>Algarah Community Hall</b>	<b>Accommodation for Rescue forces</b>

#### **4. Vulnerable areas under Pedong Development Block**

1	Lingsay –Dabaipani ChurneyBotay	Dabaipani Pry. School	
2	Lingsay –Khopi Mulhkarka	Khopi SSK	
3	Lingsay - Jhosing	ICDS Centre Jhosing	
4	Lingsay - Tagathang	Tagathang Community Hall	
5	Lingsekha - Lungchu	Community Hall cum Lepcha Night School	
6	Lingsekha - Lower Changay	Tribal Pry. School	
7	Lingsekha - Lower Chuba ,	Cluster House	
8	Kagay - Rabek	U/Ladam Pry. School	
9	Kagay - Lower Gyendong	Kagay Jr.Basic School	
10	Kolakham	Kolbong Pry. School	

11	Pedong – Jogibhir area, Lower Dalep	Dalep Jr. Basic School	
12	Pedong - Katarey Area, Lower Dalep	SSK Katarey	
13	Pedong - Krishna Mandir area at lower dalep	SSK Katarey	
14	Sakyong - Lower Menchu	L/Menchu Community Hall	
15	Sakyong – Dokyong-II 21 <sup>st</sup> Mile	Dokyong-II Community Hall	
16	Sakyong - Upper Menchu, Chonamkholay	Graphdoji SSK & Lepcha School	
17	Kashyem – Thapa Tolly, U/Kashyem GCP	Community Hall, Kashyem	
18	Kashyem – NH Region, Samdong	MLDB Community Hall	

#### 5. Vulnerable areas under Gorubathan Development Block

Sl.No.	Name of vulnerable area (GP-village)	Name of temporary rescue shelter	Remark
1	Tode-Tangta - Tangta	Tangta Pry. School-0.5 Km	
2	Tode-Tangta – Keram	Keram Pry. School - 0.3 Km	
3	Tode-Tangta – Chisang	Chisang Pry. School - 0.2 Km	
4	Tode-Tangta – U/Suruk	Suruk Pry. School - 0.5 Km	
5	Tode-Tangta – L/Suruk	Bindu Pry. School - 0.3 Km	
6	Paten-Godak - RateyPani	Jaladhaka H.S - 1.5 Km	
7	Paten-Godak - L/Tungsung	Tungsung Pry. School	
8	Paten-Godak - Compound F.V.	Parentar Pry. School - 3 Km	
9	Paten-Godak - Dhauley F.V	Parentar Pry. School - 3 Km	
10	Rongo - 44 Block - ThakuriGolai	Dalgaon Community Hall - 3 Km	

11	Rongo - Hawadara (Linegaon)	Rongo H.S - 2Km	
12	Rongo - Minigaon-Jholung Bazar	Community Hall Jholung - 1 Km	
13	Rongo - BhasmayGaon	Dhap Pry. School - 2 Km	
14	Kumai - GudurayGaon	U/Kumai Pry. School	
15	Kumai - Guard Line/TamangGaon	Guard Line Club Ghar - 0.2 Km	
16	Kumai - 8 no. & 12 no. Village	G.P. Office - 0.6 Km	
17	Kumai - 1 no. Village	1 No. Village SSK	
18	Samsing - Bhalukhop	Bhalokhop	
19	Samsing - L/ Tinkataray	Tinkataray Pry. School	
20	Samsing - ChiplayDara	Chiplay SSK	
21	Ahalay - DudhayKhola, L/Fagu	L/Fagu Pry. School- 500m	
22	Pokhrebong -Manzing-Lama Goan	G.P. Office- 1 Km	
23	Pokhrebong - L/Manzing- Rambhi	L/Manzing Pry School-	
24	Pokhrebong - MangarGoan- Afatay	Lungsel Pry school-2Km	
25	Pokhrebong - Doring L/Lungsel	Lungsel Pry School-0.5 Km	
26	Pokhrebong - Malaytar	Pubung Pry School- 2Km	
27	Pokhrebong - Lower Pubung	Pubung Pry School	
28	Nim - Kolbong	G.P. Office- 0.5 Km	
29	Nim - Nim Busty GairiGoan	Nim M.S.K.- 0.3 Km	
30	Nim - Lower Suntalay	Pry School-0.5 Km	
31	Gbn II - Kali Khola	Pankhasari Pry School-2Km	
32	Gbn II - Badey-Pankhasari	Pankhasari Pry School-2Km	
33	Gbn II - Maipatey	Sherpa Goan Pry School-2.5 Km	

34	Dalim - LepchaGari Tar Gaon	GorubathanJr Basic School-1.5 Km	
35	RaiGoan	SSK RaiGaon- 0.5Km	
36	Dalim - DalimKhola Tar	Dalim Pry School-0.6 Km	
37	Dalim - Simsaray	SSK Simsaray-0.5 Km	
38	Dalim - TamangGoan	GorubathanJr Basic School-1 Km	
39	Dalim - GairiGoan	GairiGoan Pry School-0.5 Km	
40	Gbn I - Sombaray Bazar West	Community Hall, Sombaray- 0.4 km	
41	Gbn I - Malbusty West	Community Hall, Sombaray- 0.4 km	
42		<b>TRYSEM Hall, BDO Office</b>	<b>Accommodation for Rescue forces</b>

#### 6. List of make-shift Helipads under Kalimpong Municipality

SL.NO	Name of Gram Panchayat	Location of Longitude and Latitude of Gram Panchayat	Name of Halipads for relief purpose
1.	Kalimpong Municipality	-N27 <sup>0</sup> -03'-74.06"-E88 <sup>0</sup> -59'-98.79"	Durpin Dara (Army)

#### 7. List of make-shift Helipads under Kalimpong-I Block

SL.NO	Name of Gram Panchayat	Location of Longitude and Latitude of Gram Panchayat	Name of Halipads for relief purpose
1.	Bhalukhop	-N27 <sup>0</sup> -4'-36.9"-E88 <sup>0</sup> -28'-99"	Dhanmaya Play Ground, Dr. Grahams Home's School Ground
2.	Bong	-N27 <sup>0</sup> -3'-00"-E88 <sup>0</sup> -28'-36.3"	Amaley Ground
3.	Dr. Graham's Homes	-N27 <sup>0</sup> -08'-07"92-E88 <sup>0</sup> -49'-41.31"	Ronaldsay Park Ground
4.	Dungra	-N27 <sup>0</sup> -4'-29.7"-E88 <sup>0</sup> -29'-10.8"	Seed Farm Ground(Ramitey)
5.	Kaffer-Kankebong	-N27 <sup>0</sup> -1'-29.7"-E88 <sup>0</sup> -33'-18.9"	Kaffer Public play Ground
6.	Kalimpong	-N27 <sup>0</sup> -4'-6.7"-E88 <sup>0</sup> -27'-22.6"	Poshyor Ground, Chhibo Ground
7.	Lower Echhay	-N27 <sup>0</sup> -4'-30.5"-E88 <sup>0</sup> -31'-32.6"	Shivalaya Ground, Krishnakali Pr. School Playground
8.	Nimbong	-N26 <sup>0</sup> -58'-19.3"-	DalapchandGorkhaKhelMaidan, Dobhan Play Ground, Geshok Play

		E88.34'-14.6"	Ground, Centre Pr. School Playground
9.	Pabringtar	-N26°56.53"-E88°-32'-55.5"	Sanyasidara, Barbot Playground, Ratey Playground
10.	Pudung	-N27°-3'-34.4"-E88.30'-52.2"	Gumba Ground, Chandramaya High School Ground
11.	Samalbong	-N27°-00'-26.2"-E88°-30'- 54.8"	Sevasangh Library Ground, KangyolDara, Bhaktimaya Pr. School, Loleygaon Pr. School
12.	Samthar	-N26°58'45.8"-E88°-30'-2.6"	Samthar Public Ground, Suruk Public Ground
13.	Seokbir	-N27°-2'-1.6"-E88°-31'-20.9"	S.K.Y.Ground , Primtam School, Centre Ground
14.	Sindebong	-N27°-4'-24.7"-E88°-30'-5.0"	GumbaDara Playground
15.	Tashiding	-N27°-3'-46.1"-E88°-26'- 53.1"	MLA Ground
16.	Teesta	-N27°-3'-57.8"-E88°-25'- 30.6"	Rambi Playground, Teesta Play Ground, Kangey Playground
17.	Upper Echhay	-N27°-5'-9"-E88°-30'-54.5"	Dr. Grahams Home's School Ground
18.	Yangmakum	-N26°-57'-8.1"-E88°-29'- 43.5"	Panbu Ground

### 8. List of make-shift Helipads under Lava Block

Sl.No.	Helipad	Co-ordinates
1	Algarah Play Ground	N 27° 11' 05.9" E 088° 40' 25.5"

### 9. List of make-shift Helipads under Pedong

Sl.No.	Helipad	Co-ordinates
1	Aritar, Rhenock	N 27° 11' 05.9" E 088° 40' 25.5"
2	Bangla Dara Public Ground , Kagay	N 27° 09' 07.8" E 088° 38' 50.6"
3	Topkhana, Pedong	N 27° 09' 25.7" E 088° 36' 50.3"

### 10. List of make-shift Helipads under Gorubathan Block

Sl.No	Name of the Helipad	Co-ordinates
1	Judhabir High School Ground, Malbusty, Gorubathan I G.P	088°41'500" E 26°57'15.22" N
2	U/Manzing Pry School Ground, Upper Manzing, Pokhrebong G.P.	88°37'83.1" E 26°59'38.4" N
3	Samabeong Pry School, Sherpa Goan, Nim G.P.	88°39'03.7" E 27°03'15.9" N



4	Jaldhaka Football Ground, Jaldhaka, Paten Godak G.P.	088°52'27.90" E 27°02'26.27" N
5	Tode Bazar Public Ground,	88°49'30.4" E 27°06'33.9" N
6	Kopish Pry School Ground, Kumai G.P.	88°50'50.8" E 26°49'03.4" N
7	SamsingJr Basic School Ground, Samsing G.P	88°47'43.1" E 27°00'41.7" N

### Disaster Management Vulnerability

1	2	3	4	5	6	7	8	9	10
Name of Block/ Municipality	If prone to flood, mention number of people in vulnerable zone	If vulnerable to cyclone, mention number of people likely to be affected in case of cyclone	If vulnerable to Tsunami, mention number of people likely to be affected in case of tsunami	If vulnerable to landslide, mention number of people likely to be affected	If vulnerable to chemical/industrial disaster, mention number of people likely to be affected	People likely to be affected by other disaster, if any (mention disaster & number of people) ( <i>in case of Flash flood of the scale of 1968</i> )	Total number of people given in columns 2 to 7	Earthquake vulnerability zone	Priority ranking as per vulnerability to multiple disasters
Kalimpong Municipality	NA	NA	NA	2520	NA	NA	2520	Zone IV	4
Kalimpong I	NA	NA	NA	9261	NA	500 nos.	9761	Zone IV	1
Lava	NA	NA	NA	4669	NA	-	4669	Zone IV	3
Pedong	NA	NA	NA	2000	NA	-	2000	Zone IV	2
Gorubathan	NA	NA	NA	6600	NA	480 nos	7080	Zone IV	2

Flood Shelter/ Cyclone Shelter	Year of Construction	How many persons can be accommodated?	Number & Name of villages tagged with this shelter	Total tagged population	Difference between tagged population & capacity of shelter, if any	Remarks
Nil	NA	NA	NA	NA	NA	NA

## Annexure II

### 5.10.1 List of Resources

District HQ & Block wise list of Search & Rescue equipment in operable condition						
Sl. No	Name of equipment	Dist HQ	Kpg I	Lava	Pedong	Gbn
1	10mm Kernamental Rope (200mm)	03	0	0	0	0
2	11mm Rope (100mm)	01	0	0	0	0
3	8mm Kernamental Rope (150mm)	02	03	02	0	02
4	Aluminium Ladder (10 ft. & 12 ft.)	02	01	01	0	01
5	Anchor Rope	01	01	0	0	01
6	Axe with handle	03	02	0	0	03
7	Charger Light	04	04	03	02	02
8	Crow/Iron bar	10	04	10	0	10
9	Drill Machine	01	01	02	0	02
10	Dust Mask	31	24	50	0	50
11	Ear Plugs	11	15	17	0	17
12	Electric Drill (Heavy Duty)	01	0	0	0	0
13	Extension Cord 30 Mtr.	01	01	0	0	01
14	Fire Boot & Gloves (in pair)	05	11	06	03	06
15	Fork	10	04	10	0	10
16	Gainti with Handle	06	01	0	0	03
17	Generator (Honda)	01	01	01	0	01
18	GPS Set	01	01	01	0	01
19	Grover Long (TATA)	05	0	0	0	0
20	Grover Short (TATA)	05	0	0	0	0
21	Hack Saw Frame with Blade	02	03	0	0	03
22	Hammer 10 kg	10	04	10	0	10
23	Hammer 5 kg	05	04	10	0	10

24	Hand Plough (Local)	06	0	0	0	0
25	Harness set	01	0	0	0	01
26	Helmet	08	04	10	03	10
27	Hydraulic Jack	01	0	0	0	0
28	Iron Pickets	05	0	0	0	0
29	Life Jacket	06	04	06	0	06
30	Lock Cutter	01	01	01	0	01
31	PAC (Handheld mike)	02	0	01	0	0
32	Pick Axe	02	0	0	0	0
33	Chain Saw Blade	01	01	01	0	0
34	Chain saw	05	05	05	04	04
35	Relief jacket (Id jacket)	08	10	10	0	11
36	Reflective Jacket	55	25	25	0	25
37	Rope Bag and Pack	0	03	02	0	02
38	Rope Protector	01	0	0	0	0
39	Safety Goggles	06	03	02	0	02
40	Satellite Phone	01	0	0	0	0
41	Search Light	0	03	02	0	0
42	Shovel	10	04	10	0	10
43	Sickle	01	02	0	0	03
44	Slab Cutter (Circular Saw)	01	0	0	0	0
45	Spade	10	04	0	0	10
46	Stretcher	02	01	02	0	01
47	Torch Light 3 Cell	01	0	0	0	0
48	Vehicle for Rescue (Civil Defence)	01	0	0	0	0
49	Fire Extinguisher(Co2, Water based & DCP)	10	07	02	0	0
50	Aska Portable Emergency Light	01	0	01	0	0

**Resource inventory of different Dept. and privately owned.**

**1. NDRF B Coy 2<sup>nd</sup>Bn Matigara, Siliguri**

Sl. No	Manpower/Vehicle/Equipment	Strength/Numbers
1	1 Coy	3 teams x 30 personnel
2	CBRN	Multi Gas detector, Teletector, Mini Rod external/internal , Portable Alpha Contamination,etc.
3	SAR	Sufficient equipment available.

**2. GREF, KALIMPONG**

SI. No	Location Name	Resources deployed	Nos.	Name & Contact Person
01	Km 33.00 on (Nh10) Melli	T/WL	01	Shri Guruvanatham, AE (Civ) Mob No 6297078745
02	Km 0.00 to Km 20.00 on Damdim –Algarah ( Dalim)	T/JD TPR Dumper	01 02 08	Capt.Akshay Sharma 7318778270
03	Km 20.00 to Km 49.00 on Damdim- Algarah (Paperkheti)	T/JD Load Carrier Tpr Dumper	01 04 03 01	Capt.Akshay Sharma 7318778270
04	Km 49.00 to Km 59.00 on (Damdim- Algarah(Lava)	T/JD TPR Load carrier	02 02 02	Shri R.N.Shukla, AEE (Civ) Mob No 8116090254
05	Km 59.00 to Km 68.00 (Damdim- Algarh) Algarah	JCB 3Dx T/WL TPR Dumper	01 01 04 04	Shri R.N.Shukla, AEE (Civ) Mob No 8116090254

**3. Kalimpong Municipality**

Sl.No.	Name of resource type	Quantity
1	JCB	1 no.
2	Cesspool	1 no.
3	Truck	1 no.
4	Tipper Truck	3 no.
5	Pick up Truck (Bolero)	2 nos.
6	Sub-Centre	5 nos.
7	Health Personnel (First tier Supervisors)	3 nos.

8	Health Workers (Honorary)	22 nos.(ASHA)
9	Conservancy Personnel	69 nos.

#### 4. WB Fire & Emergency Services, Kalimpong

Sl.No.	Name of resource type	Quantity
1	Station/Officer	1 no.
	Sub/Officer	1 no.
2	L/FO	8 nos.
3	F.E.O.D	7 nos.
4	Fire Operator	6 nos.
5	Auxiliary Fire Personnel	12 nos.
6	Utility Van Bolero camper (UV 72)	1 no.
7	Utility Van Bolero camper (UV 155)	1 no.
8	Aska Light	1
9	Search light	3
10	Lock Cutter	3 nos.
11	Crowbar	2 nos.
12	Shovel	3 nos.
13	Spade	5 nos.
14	14 lbs hammer	2 nos.
15	Canvas Stretcher	2 nos.
16	Jack with handle heavy duty	1 no.
17	Life Jackets	2 no.
18	Lowering ling for rescue	1 no.
19	Circular Diamond saw	1 no.
20	Slab Cutter	2 nos.
21	Holmatro Set	1 no.

#### 5. List of Ambulance along with Driver of Kalimpong Health & Family Welfare Department

SL NO	Name of the DH/BPHC	Vehicle (Ambulance) No.	Contact person No.	Area from where the ambulance operates	Remarks
1	Kalimpong District Hospital	WB74R9214	8116511208	Kalimpong DH	Matriyan
2		WB73C1627	9932414049		Matriyan
3		WBD23J9527	8348995238		102Amb (Matriyan)

4		WB73B6349	9382309371		Ambulance
5		WB73D9122	9382309371		Ambulance (Van)
6	Gorubathan BPHC	WB76 3014	9547903782(Kushal Chettri)	Gorubathan BPHC to MAL SDH	Ambulance
7			86701000682(Chandra Bdr Chettri)	NBMCH/ Siliguri SDH	
8				Kalimpong DH	
9				SDH	Matriyan
10		WB77 9931	9933505171(Biki)	NBMCH/ Siliguri SDH	
11		WB78 2097	7063662014(Diwas Lepcha)	Jaldhaka PHC to Mal SDH	Ambulance
12				NBMCH/ Siliguri SDH	
13		WB74 V 5544	9434519554 (U Sam Dhungel)	Jaldhaka PHC to Mal SDH	Matriyan
14				Jaldhaka PHC to NBMCH / Siliguri SDH	
15		Rambi BPHC, Block -I	WB78-2782	8170952839/738411 6158	Rambi BPHC
16	WB97-3377		9002791141	Rambi BPHC	Matriyan
17	WB74W-1807		9932967953	Samthar PHC	Matriyan
18	WB76-9528		8116217903	Teesta PHC	Matriyan
19	Pedong BPHC, Pedong Block	(Govt. Vehicle) 73C 9614	7319145041/730230 3355	Pedong BPHC	Ambulance
20		WB79/2878	8001373452	Pedong BPHC	Matriyan
21		WB/74/w/3118	9734075772	Algarah PHC	Matriyan
22		WB/73-B8668	8670575539	Gitdubling PHC	Matriyan

## Resources (Privately owned)

### 7. List of the owner of Excavators/JCBs with Contact No. under Kalimpong I

Sl. No.	Name	Contact No.
1	Passang Lama	9775442236
2	Anand Lakhotia	9434876786/9775490988
3	Ruden Lepcha	9832074915
4	Passang Tamang	8016956732

### 8. List of Privately owned Resources under Lava

Sl. No.	Name of the Resource	Resource Type	Number	Name of Owner	Address	Contact No.
1	Excavator	JCB	1	Tikaram Sharma	Gitdabling	9933436958
2	Excavator	JCB	2	Saran Rai	Rangpo F.V.	9002624635
3	Excavator	JCB	1	Biraj Rai	Tarkhola F.V.	993373079
4	Vehicle	Tipper	1	Ashok Lepcha	Dabling	9932561180
5	Chainsaw	Power saw	1	Anos Lepcha	Gitdabling	9933774028
6	Chainsaw	Power saw	1	Gautam Sherpa	Gitdabling	8967655236
7	Vehicle	Pickup	1	Ashok Lepcha	Dabling	9932561180
8	Vehicle	Pickup	1	Udai Raj Chettri	Tugong	9064841560
9	Vehicle	Pickup	1	Gershom Lepcha	Gitdabling	8001002858
10	Vehicle	Ambulance	1	Pius Lepcha	Gitdabling	8670575539
11	Axe, Chisel, Spade	Axe, Chisel, Spade	1	Nima Tshering Bhutia	Gitdabling	8637553024
12	Axe, Chisel, Spade	Axe, Chisel, Spade	1	Samuel Lepcha	Gitdabling	7811058466
13	Camera	Digital Camera	1	Tshering Dorjee Bhutia	Algarah DIF III	790868018
14	Vehicle	Eicher Truck	1	Rajju Pradhan	Upper Gairi Gaon	7602670910
15	First Aid Kit	First Aid Kit	1	Gampu Ramtel	Algarah DIF III	9002160616
16	Vehicle	Pickup	1	Megnath Ghimery	East Lower Pagang	7365835640
17	Vehicle	Eicher Truck	1	Megnath Ghimery	East Lower Pagang	7365835640
18	Generator	Generator	1	Gram Panchayat Office	East Lower Pagang	9933043026
19	First Aid kit	First Aid kit	1	Primary Health Center	Algarah DIF III	9002639581
20	First Aid kit	Strecher	1	Primary Health Center	Algarah DIF III	9002639581
21	Truck	TATA	1	Saran Rai	Rangpo F.V.	9002624635
22	Truck	TATA	1	Piray Rai	Tarkhola F.V.	9749197714
23	Truck	TATA	1	Prabin Rai	Tarkhola F.V.	993373079
24	Excavator	JCB	1	Firoj Ali	Gitdabling	9679325525
25	Vehicle	Pickup	1	Sonam Bhutia	East Lower Pagang	8972409398
26	Vehicle	Pickup	1	Lakpa Bhutia	West Lower Pagang	9749026124
27	Miking System	Miking System	1	Ashok Lepcha	Dabling	9932561180
28	Miking System	Miking System	1	Gambirman Rai	Pochok	7602425553
29	Vehicle	Pickup	1	Markus Lepcha	Algarah DIF III	9932738221
30	Vehicle	Pickup	1	Subash Singh	Algarah DIF III	9800095857
31	Camera	Digital Camera	1	Laden Lepcha	Beong	7478676903

**8(A) List of Privately owned Resources under Pedong**

Sl. No.	Name of the Resource	Resource Type	Number	Name of Owner	Address	Contact No.
1	Excavator	JCB	2	Thupden Bhutia	Lava	9933436958
2	Excavator	JCB	1	Dhiraj Periwal	Pedong	9832553882

**9. LIST OF EARTH MOVING HEAVY VEHICLE FOR DISASTER MANAGEMENT UNDER GORUBATHAN DEVELOPMENT BLOCK, GORUBATHAN**

Sl No	Name of the Owner	Address	Contact No.	No. of Machine	Type of Machine
1	Sri Lakpa Namgay Bhutia	Todey Bazar	9800322826	1	JCB
2	Sri Ramesh Agarwal	Jholung Bazar	9531740644	1	JCB
3	Sri Subedar Brijraj Singh	O/C GREF, Phaperkheta	7376874710	2	JCB
4	Sri Yanendra Kumar	O/C GREF, Shermali	9334002638	2	JCB
5	Sri Ajay Pal	Odlabari (Pokhrebong G.P)	9593645017	1	JCB

**10. List of Petrol Pump and LP Gas godowns in Kalimpong District:**

Sl. No.	Name of the Dealer	Address and Mobile Number	Type of
1.	Rinchen Gas Service	Main Road, Kalimpong.	LPG
2.	David Gas Distributor	10 <sup>th</sup> Mile, Rishi Road, Kalimpong 9434735225	LPG
3.	Phurba Indane Agency	Pedong, Gorubathan. 9933780084	LPG
4.	Gorubathan Indane Gramin Vitrak	Khasmahal, Gorubathan. 8016455919	LPG
5.	Sindborg Indane Gramin Vitrak	12&1/2, Mile Sindborg, Khasmal, Kalimpong, 8116620644	LPG
6.	Tashi Service Station	8 <sup>th</sup> Mile, Kalimpong.	Petrol
7.	Suntalay Oil.com	NH 31A, Lohapul, Suntalay, Kalimpong. 9434083520	Petrol



8.	Biswa Kiran Fuel Centre	6&1/2 Mile, Rishi Road, Kalimpong. 7797894989	Petrol
9.	Ratiram Bansilal Fuel Centre	Rishi Road, Kalimpong. 9832047800	Petrol
10.	Gorubathan Fuel Service	Lava Road, Gorubathan, 7984167687	Petrol

### Annexure III

#### IMPORTANT CONTACT NOS.OF KALIMPONG DISTRICT INCLUDING ARMED FORCES,NDRF

Sl. No.	Name	Designation	Tel. & Fax No.	Mobile No.	e-mail id
1.	Smt.R.Vimala I.A.S.	District Magistrate Kalimpong	03552256942, 03552255264	7602975946	<a href="mailto:dmkalimpong2017@gmail.com">dmkalimpong2017@gmail.com</a>
2.	Shri Shekher Kr.Chaudary, I.A.S.	ADM(Gen), Kalimpong	-	9749231184	<a href="mailto:admngkalimpong2017@gmail.com">admngkalimpong2017@gmail.com</a>
3.	Smt.T.Y.Bhutia, I.A.S	ADM(LR), Kalimpong	-	8391047124	
4.	Shri Topden Lama, W.B.C.S. (Exe)	ADM(Dev), Kalimpong	-	9475140298	<a href="mailto:admdevkalimpong@gmail.com">admdevkalimpong@gmail.com</a>
5.	Sri., Suman Majumdar W.B.C.S.(Exe)	SDO, Kalimpong.	03552- 255264	9073936857	<a href="mailto:sdokalimpong@gmail.com">sdokalimpong@gmail.com</a>
6.	Shri Biman Sarkar W.B.C.S. (Exe)	OC DMS	03552- 256353	8972855577	<a href="mailto:dmskpg2017@gmail.com">dmskpg2017@gmail.com</a>
7.	Shri Prakash Mrida	D.D.M.O.	03552- 256353	9433482919/ 9123784375	<a href="mailto:dmskpg2017@gmail.com">dmskpg2017@gmail.com</a>
8.	Shri T.D. Bhutia	S.D.D.M.O.	03552- 256353	9073936941/ 9932296883	<a href="mailto:dmskpg2017@gmail.com">dmskpg2017@gmail.com</a>
9.	Shri Dipu Mondal	S.O.I, CD	-	7679157703	<a href="mailto:dmskpg2017@gmail.com">dmskpg2017@gmail.com</a>
10.	Pratyush Ghosh	S.O.I, CD	-	9775090740	<a href="mailto:dmskpg2017@gmail.com">dmskpg2017@gmail.com</a>
11.	<b>Disaster Management Control Room</b>		<b>03552-256353/ 260006</b>		<a href="mailto:dmskpg2017@gmail.com">dmskpg2017@gmail.com</a>

**OTHER IMPORTANT CONTACT NUMBERS**

<b>Sl No.</b>	<b>Name</b>	<b>Designation</b>	<b>Name of Office/Dept.</b>	<b>Contact No.</b>
1	Smt. Aparajita Rai, I.P.S.	Superintendent of Police, Kalimpong	<b>Police</b>	7719374550
2	Ms.Subhanwita, I.P.S	Addl.S.P.	<b>Police</b>	9147889079
3	Smt.Sarita Pariyar	D.S.P., D.I.B.	<b>Police</b>	9147889080
4	Sri Binod Chettri	D.S.P., D.E.B	<b>Police</b>	9635133871
5	Sri J.C.Biswas	D.S.P, HQ/Traffic	<b>Police</b>	8240554979
6	Shri Madan.Lama	ARTO, Kalimpong	<b>Motor Vehicle</b>	7076121173
7	Sri Sushanta Adhikari	ARTO, Kalimpong	<b>Motor Vehicle</b>	7001246309
8	Dr.Subrota Roy	C.M.O.H., Kalimpong	<b>Health</b>	9123352540
9	Dr.Sudip Das	Dy.C.M.O.H, Kalimpong	<b>Health</b>	9382767161
10	Dr.A.K.Sarkar	B.M.O.H, Pedong BPHC	<b>Health</b>	9475063603
11	Dr. P.K.Ghosh	BMOH, Jaldhaka	<b>Health</b>	8900131694
12	Dr. Somtirtha Das	BMOH, Gorubathan	<b>Health</b>	9593309644
13	Dr.Rajdeep Ghatak	BMOH Rambi	<b>Health</b>	7319056286
14	B.L.Sherpa	Station Officer W.B. Fire & Emergency Service, Kpg.	<b>Fire &amp; Emergency</b>	8906801609
15	Kalimpong Fire Station	Fire Station Control Room	<b>Fire &amp; Emergency</b>	03552255450/ 03552255101
16	Sri. S.Chatterjee	Executive Officer,Kalimpong Municipality.	<b>Municipality</b>	9836123693
17	Dr. S.D Jimba	Health Officer Kalimpong Municipality.	<b>Municipality</b>	9434886668
18	Sri Subin Pradhan	Assistant Engineer Kalimpong Municipality.	<b>Municipality</b>	9733330375
19		G.M. Telecom Siliguri	<b>BSNL</b>	03532537555/ 9434011010
20	Sri Nandipan Bhattacharya	SDOT Kalimpong	<b>BSNL</b>	9434756299
21	Sri Sudhangshu Das	JTO, BSNL	<b>BSNL</b>	9474493980
22	Sri Dipak Kerketta	District Information & Cultural Officer Kalimpong	<b>DICO</b>	8116255247
23	Sri. K.C.Kumar	Executive Engineer, PHE Neora Khola Water Supply	<b>PHE, Neora Khola</b>	7908065382
24	Sri. Tika Subba	AE, PHE,Neora Khola	<b>PHE, Neora Khola</b>	9593274983
25	Er. Vaskar Tamang	Exe. Engr.PHE DIV II Kalimpong/GTA	<b>PHE DD-II</b>	9818593868
26	Er.Shyam Kumar Mahto	Superintendent, Urban Water Supply.	<b>PHE DD-II</b>	9932202608

27	Er. Paras Dahal	Assistant engineer,PHE Div-II Kpg.	<b>PHE DD-II</b>	8967935456
28	ShriYogesh Pradhan	Executive Engineer, KED	<b>KED</b>	9800600611
29	Sri A.K.Chettri	Executive Engineer, AED	<b>AED</b>	9434069555
30	Sri Rupendra Thakuri	Executive Engineer, GED	<b>GED</b>	8670113311
31	K L Bhutia	Executive Engineer, PWD, Electrical	<b>PWD (Electrical)</b>	8145891013
32	Sri Rajiv Sarkar	Executive Engineer, PWD, Civil	<b>PWD (Civil)</b>	8918333248
33	Sri D.Y.Lama	Executive Engineer, Irrigation & Waterworks	<b>Irrigation &amp; Waterways</b>	8927520037/ 9735059008
34	Sri D.B.Basnet	Divisional Manager,Forest Dev. Corporation,Kalimpong.	<b>Forest</b>	9434209789
35	Sri Chitrak Bhattacharya	D.F.O. Kalimpong Forest Division	<b>Forest</b>	9163661887
36	Md.Mustaque Ahamed	DCFS , Kalimpong	<b>Food &amp; Supply</b>	9647328498
37	Smt.Piya Sardar	SCF&S, Kalimpong	<b>Food &amp; Supply</b>	7031829529
38	Sri Subodh Chettri	Executive Engineer of NH-10	<b>NH-10</b>	9434247995
39	Sri S.K.Tomar	GM, NHIDCL	<b>NH</b>	7769981885
40	Sri A.K.Grover	Chief Engineer,NHPC TLD-III	<b>TLDP-III</b>	9816502002
41	Sri Lakhan Hingle	G. M.(C) NHPC TLD-III	<b>TLDP-III</b>	8207777921
42		Control Room-NHPC TLD-III	<b>TLDP-III</b>	9933355187/ 9933355186
43	Sri A.K.Jha	S.M. NHPC TLD-IV	<b>TLDP-IV</b>	7001199611
44	Sri Phurden Sherpa	Div. Manager,WBSEDCL	<b>Electricity</b>	7449301260/ 8967843606
45	Sir Jigmee Lama	AE(Tech), Kalimpong Div.	<b>Electricity</b>	8900795115
46	Sri Tanoy Chakraborty	Station Manager, Kalimpong	<b>Electricity</b>	8900795112
47	Sri Nischal Subba	Station Manager, Teesta	<b>Electricity</b>	8900795117
48	Sri Rinkey Tamang	Station Manager, Pedong	<b>Electricity</b>	8900795116
49	Sri Manish Kumar	Station Manager, Sinjee	<b>Electricity</b>	8900795119
50	Sri Debapriya Purkait	Assistant Geologist, SWID	<b>Water</b>	9432865814
51	Sri Swappan Samanta	DI of Schools, Primary	<b>Pry Education</b>	7001965673
52	Shri Manojit Roy, W.B.C.S. (Exe)	BDO Kalimpong-I	<b>Kpg-I Block</b>	7797378654
53	Sri Ganga Chettri, W.B.C.S. (Exe)	BDO Lava	<b>Lava Block</b>	7797378655
54	Koushik Chakraborty W.B.C.S. (Exe)	BDO Pedong	<b>Pedong Block</b>	7431919880
55	Sri Souvik Basu, W.B.C.S. (Exe)	BDO-Gorubathan	<b>Gorubathan Block</b>	7551088808

56	Sri Sanjay Ghosh	IC, Kalimpong	<b>Police</b>	7719374554
57	Sri Sourav Ghosh	OC, Gorubathan PS	<b>Police</b>	8945889519
58	Sri Prajwal Joshi	OC, Jaldhaka PS	<b>Police</b>	8900098279
59	Sri T.T.Bhutia	OC, Pedong PS	<b>Police</b>	9147889093
60	Sri Laxuman Pokhrel	OC, Algarah PS	<b>Police</b>	9733096342
61	Sri Wanchuk Lepcha	OC,Reang PS	<b>Police</b>	9147889098
62	Smt.Kaberi Subba	BDMO, Kalimpong-I	<b>Kpg-I Block</b>	9733031588
63	Sri Manoj Subba	BDMO-in-Charge, Lava	<b>Lava Block</b>	7797378655
64	Sri Siddarth Lama	BDMO, Pedong	<b>Pedong Block</b>	7364999870
65	Sri Ranjit Das	BDMO, Gorubathan	<b>Gorubathan Block</b>	7001299315
66	Sri N.C.Barma	DD, Agri(Admin)	<b>ADA</b>	9475159350
67	Sri Partho Pratim Das	ADA Fisheries, Kalimpong	<b>Fisheries</b>	9474570124
68	Sri Sajjan Singh	JGM/C	IRCON	9002555759
69	Sri I.B.Khajuria	Project Manager	IRCON	7477795277

#### Contact No. of NDRF,CISF,SSB, GREF

Sl.No	Name or Designation	Department	Contact No.	Email
1	Deputy Commandant, NDRF	B Coy, 2 <sup>nd</sup> Btn, Matigara	7327990765	
2	Asstt. Commandant	CISF, NHPC-TLDP III/IV	8016880889	
3	Inspector	CISF, NHPC-TLDP III/IV	7908062364	
4	Control Room	CISF, TLDP-III	8170019521	
5	a)Sri Praful Kumar,Commandant b)Control Room	46 Btn, SSB, Malbazar	a)7060792235 b)9775442746	a) <a href="mailto:comdt.46bn@ssb.gov.in">comdt.46bn@ssb.gov.in</a> b) <a href="mailto:ctrl.46bn@ssb.gov.in">ctrl.46bn@ssb.gov.in</a>
6	Lt.Col Deepak K.	764 BRO	9435504362	
7	Sri M.M.Sharma	AEE(Civil), Lava	9673951393	
8	Sri Sushil Kumar	AEE(Civil) 764 BRTF, Happy Villa	9436871964	
9	Sri Subedar Brijraj Singh	O/C GREF, Phaperkheta	7376874710	
10	Sri Yanendra Kumar	O/C GREF, Shermali	9334002638	

## Block level contact numbers

### Kalimpong I Block

Sl.No	Name or Designation	Department	Contact No.	Email
1	BDO, Kpg I	Block Dev. Office, Kalimpong-I	7797378654 <b>03552-256750</b>	kalimpong1bdo@gmail.com
2	Joint BDO, Kpg I	- Do -	8670115993	
3	BDMO, Kpg I	- Do -	8327268074	findcauvery@yahoo. com
4	O/c, Kpg Police Station	P.S.Kalimpong	03552-255268/ 03552-255100/7319081581	
5	BMOH, Kpg I	B.P.H.C,Rambi	7319056286	
6	ADA, Kpg I	Agriculture Office, Kalimpong-I	03552255529	
7	BLDO, Kpg I	Seed Farm, Dungra	9434462309	
8	AE, WBSEDCL	Power House,10 <sup>th</sup> Mile	255855,255420	
9	JTO, Kpg	Thana Dara, Kalimpong.	255202, 9475359545	
10	Range Officer	Kalimpong Forest Division	7908101637/9547252247	
11	Inspector(Food & Supply), Kpg I	Food & Supply Office, Kalimpong	255285 (0), 9433153180	
12	LPG Distributor, Kpg	Rinchen Gas, Main Road	255492	
13	Petrol Pump, Kpg I	Tashi Delek Service, 8 <sup>1/2</sup> Mile	9434106749/ 7797894989	
14	Some selected NGOs	i)Hill Social Welfare society ii)Red Cross Society iii)World Vision iv)Save the hills	9434166419  9832033410  9475033744	

## Kalimpong Lava

Sl.No	Name or Designation	Department	Contact No.	Email
1	BDO, Lava	BDO Office,Algarah	7797378655	<a href="mailto:bdoalgarah@yahoo.com">bdoalgarah@yahoo.com</a>
2	Joint BDO, Lava	- Do -	9433165639	
3	Joint BDO, Lava	- Do -	9932926217	
4	BDMO	- Do -	9733086584	
5	1)O/C,Police Post, Algarah 2)O/C Police Post, Pedong 3)O/C Police Post, Ramphu	Algarah Bazaar  Pedong  Rangpoo	9002305678  7719374563  9733299257	
6	BMOH	BPHC Pedong,P.O.Pedong	8335967712	<a href="mailto:bmoh_pedong@wbhealth.gov.in">bmoh_pedong@wbhealth.gov.in</a>
7	MO Algarah	Algarah	9434196783	
8	MO Pedong	Pedong	7602208860	
9	MO Gitdabling	Gitdabling	9932006266	
10	MO Munsong	Munsong	7044572001	
11	ADA, Lava	Office of the ADA,P.O.Algarah	8637885776	
12	BLDO, Lava	Office of the BLDO	9933021107	
13	Asst. Engineer, WBSEDCL  SM (area in charge),WBSEDCL	Kalimpong  Algarah	9434213343  7449301264	
14	Telephone	Algarah Exchange	9002791577	
15	Range Manager GRM Forest Incharge	Pankhasari Range Office, P.O.Algarah	9734017408 8972287740 9733061416	
16	Inspector(Food & Supply)	East Main Road,Kalimpong	9800063788	
17	Kelongs Fuel Station	16 <sup>th</sup> Mile, Lava Block	7908680178	
18	1)Animator,Anugyal aya, Lava- Gitkolbong 2) President,Ekta Pariyar, Kharkagaon	Gitkolbong,P.O.Lava  Kharkagaon,P.O.Alg arah	9933982855  9933474914	<a href="mailto:sudeepjerome@gmail.com">sudeepjerome@gmail.com</a>  <a href="mailto:anugyalaya@gmail.com">anugyalaya@gmail.com</a>

### Kalimpong Pedong

Sl.No	Name or Designation	Department	Contact No.	Email
1	BDO, Pedong	BDO Office, Pedong, P.O. Pedong	7431919880	<a href="mailto:bdopedong@gmail.com">bdopedong@gmail.com</a>
4	BDMO	- Do -	7364999870	
5	1)O/C Police Station, Pedong	Pedong	9147889093	
6	BMOH	BPHC Pedong, P.O. Pedong	9475063603	<a href="mailto:bmoh_pedong@wbhealth.gov.in">bmoh_pedong@wbhealth.gov.in</a>
11	ADA, Kpg II	Office of the ADA, P.O. Algarah	8637885776	
13	Asst. Engineer, WBSEDCL SM (area in charge), WBSEDCL	Kalimpong Pedong	9434213343 9804176936	
14	Telephone	Algarah Exchange	9002791577	
15	Range Manager GRM	Pankhasari Range Office, P.O. Algarah	7908155865	
16	Inspector (Food & Supply)	East Main Road, Kalimpong	9800063788	
17	LPG Distributor	Campaign Ground, P.O. Pedong	9832239661	
18	Dolma Fuel Station	21 Mile, Pedong	9679043384	

### Gorubathan

Sl.No	Name or Designation	Department	Contact No.	Email
1	B.D.O	BDO Office Gorubathan	7551088808	<a href="mailto:bdogorubathan@gmail.com">bdogorubathan@gmail.com</a>
2	Joint B.D.O	- Do -	7551042508	
3	B.D.M.O	- Do -	7001299315	
4	Team Leader, QRT:	- Do -	7001299315	
5	O/C, Police Station, Gbn	Gorubathan	8945889519	
6	O/C, Police Station, Jaldhaka	Jaldhaka	8900098279	



7	B.M.O.H	Gorubathan	9593309644	
9	B.L&LRO	Gorubathan	9748216779	
10	ADA, Gorubathan	Agriculture	8587006010	<a href="mailto:adagbn@gmail.com">adagbn@gmail.com</a>
11	CDPO	ICDS	8967407341	
12	BLDO	ARD	9932792198	
13	SM & AE	WBSEDCL, Odlabari	7449301320	
14	J.T.O.	Telephone Exchange, Malbusty	9475757849	<a href="mailto:sdekpg@gmail.com">sdekpg@gmail.com</a>
15	Range Officer Neora	Gorubathan	8348100836	
16	Inspector (Food & Supply)	Gorubathan	9434366863	
17	LPG Distributor	Malbazar	9434340042	
18	LPG Distributor	Gorubathan	8016456919	
19	Petrol Pump	Malbazar	03562255074	
20	1.Anugyalaya 2. Himalayan Media Welfare Society	Gorubathan	9800039420, 9775276773	

## Annexure IV

### *List of Active CD Volunteers*

Sl. No.	Name of CD Volunteer in Full	Father's / Husband's / Gurdian's Name	Residential Address in Full (with P.O. + P.S.+ PIN)	Date of Birth (dd/mm/yyyy)	Date of enrolment as CD Volunteer (dd/mm/yyyy)	Details of Civil Defence Training
A	B	C	E	G	I	J
1	Nabin Chettri	Nirmal Chettri	Chotta bhalukhop	02.07.1990	12.06.2016	01. Basic course
2	Diwas Mondal	Ramu Mondal	Thakurbari KPG.	20.07.1992	12.06.2016	01. Basic course
3	Sujit Tamang	Dhurba Tamang	Chotta Bhalukhop	11/10/1998	12.06.2016	01. Basic course
4	Jai Prakash Subba	Budhi Kumar	BHALUKHOP KPG	18.01.1980	26.06.2012	1.Basic course, 2.Advance course
5	Bipen Kumar Pradhan	Lt. Hari Kumar Pradhan	10 ½ mile BIRALO KHOTI	15.01.1986	26.06.12	1.Basic course, 2.Advance course
6	Yowan Lepcha	Suk Tshering Lepcha	BONG Busty	5/10/1995	12.06.2016	01. Basic course
7	Bishal Biswakarma	Karna Bahadur Biswakarma	G.C.P. MUNSONG	24.10.1994	12.06.2016	1.Basic course, 2.Advance course
8	Pranay Nawbag	Ashok Kr.Nawbag	Ghumbahatta, W.No.V	15.03.1994	10.05.2013	01. Basic course
9	Pawan Pradhan	Lt. T.N.Pradhan	Pranami Mandir Galli, Rishi Road, P.O. Kalimpong	26.07.1989	18.06.2003	01. Basic course
10	Sujata Rai	Budhabir Rai	Lower Gairigaon Bong Khasmahal	27.03.1998	12.06.2016	01. Basic course, 02.ToT
11	Abishek Rai	Praveen Rai	9 <sup>TH</sup> MILE, KPG I	30.03.1998	14.12.2018	1.Basic course, 2.Modern equipment , 3.ToT
12	Alan Chettri	Philip Chettri	East Main Road	27.11.1999	13.11.2020	01. Basic course
13	Seema Das	Late Ashok Das	L.B Rd,Mangal Dara	25.01.1995	13.11.2020	01. Basic course, 2.ToT

14	Satish Singh	Lt.Michael Singh	Near Kanchan Hall, Kpg	23.02.1991	27.11.2020	01. Basic course, 2.ToT
15	Sandeep Lama	D.K. Lama	Shantinagar, Kalimpong.	14.11.1990	13.11.2020	01. Basic course, 2.ToT
16	Pasang Bhutia	LT. Quazi Bhutia	Shantinagar, Ward No. VI, Kalimpong.	12.12.1988	13.11.2020	01. Basic course, 2.ToT
17	Siddhant Pradhan Newar	PREM Kr. PRADHAN(NEWAR)	Near Kanchan Hall, Kpg	06.02.1992	14.12.2018	01. Basic course
18	Pemba Tshering Bhutia	Pasang Tshering Bhutia	Primtam Road, Kalimpong	20.02.1982	14.12.2018	01. Basic course
19	Nityam Giri	Anus Giri	Joredhara, Relli Road	17.02.1996	10.05.2013	01. Basic course
20	Namrata Rai	Dhan Bdr.Rai	Bokim Forest KPG-II	07.10.1996	14.12.2018	01. Basic course
21	Sujeeta Kumari Shah	Ajay Kumar Shah	Relly Road KPG	20.01.1992	12.06.2016	1.Basic course, 2.Advance course, 3.Fire Fighting
22	Anjala Lepcha	Rojay Lepcha	Lungsel, Gorubathan	10.03.1996	14.12.2018	01. Basic course
23	Rahul Prasad	RAJ KUMAR PASAD	Relli Road,Kpg	01.04.1992	14.12.2018	1.Basic course,2. Fire fighting
24	Nigma Lepcha	Lt.Sonam Tshering Lepcha	Upper Dungra	6/29/1982	12.06.2016	01. Basic course
25	Bijay Subba	Lt. Krishna Subba	Pudung,khadakey	6/10/1987	12.06.2016	01. Basic course, 2.ToT
26	Kapil Thapa	Ratna Kumar Thapa	Kharka Goan Sanger Kalimpong	1/18/1996	12.06.2016	1.Basic course, 2.Modern equipment , ToT
27	Sandeep Gurung	Prakash Gurung	Algarah, Kalimpong	27.10.1998	27.11.2020	01. Basic course
28	Dip Tshering Tamang	Mahabir Tamang	Upper Pedong, Kpg-II	5/16/1994	12.06.2016	1.Basic course, 2.Modern equipment

29	Pratiksha Panchakoty Darjee	Kedar Panchakoty Darjee	Lingsey, Kalimpong	27.11.1996	27.11.2020	01. Basic course
30	Nitesh Gurung	Nanda Kumar Gurung	16 <sup>th</sup> Mile, Klaimpong	21.03.2001	13.11.2020	01. Basic course, 2.ToT
31	Dorjee Wangchuk Sherpa	Pasang Namgyal Sherpa	16 <sup>th</sup> Mile, Lower Pangang Gumba, Paiyon	23.09.1993	27.11.2020	01. Basic course
32	Deonish Tirkey	Simon Tirkey	L/Fagu, Gorubathan	12/29/1985	12.06.2016	01. Basic course
33	Surendra Kawar	Robin Kawar	Lower fagu , Gorubathan	6/25/1977	12.06.2016	01. Basic course
34	Ashik Beck	Amrush Beck	Suntalay Busty, Gorubathan	18.04.1986	10.06.2003	01. Basic course
35	Dhendup Sherpa	Lt.Pasang Dorjee Sherpa	Lower Fagu, Gorubathan	30.08.1983	10.06.2003	01. Basic course, 2.ToT
36	Sanjok Gurung	Binod Gurung	Seed farm, Dungra G.P., P.O. Kalimpong, P.S. Kalimpong, PIN 734301	11.08.1995	10.05.2013	01. Basic course
37	Sajan Mukhia	Sabir Mukhia	Rambi Bazar, P.O. Rambi Bazar	25.12.1993	14.12.2018	01. Basic course, 02.Diver's Training, 03.OBM Boat Operator
38	Binod Khawas	Bhakta Bahadur Bhujel	Upper neong merong, Pedong, P.O. Pedong	27.07.1994	10.05.2013	01. Basic course
39	Rajdeep Biswakarma	Damber Bdr. Biswakarma	Teesta Bazar, D.I.F.,Kpg-I	22.05.1992	08.07.2011	01. Basic course, 02.OBM Boat Operator
40	Sushan Sundas	Pushpa Sundas	Near S.B.I., Teesta Bazar, P.O. Teesta	28.09.1988	31.07.2006	01. Basic course, 02.OBM Boat Operator
41	Suraj Sundas	Pushpa Sundas	Near S.B.I., Teesta Bazar, P.O. Teesta	21.01.1992	07.05.2010	01. Basic course, 02.OBM Boat Operator
42	Avinash Chettri	Kumar Chettri	Teesta, Kalimpong	08.10.1994	27.11.2020	01. Basic course,

						02.Diver's training
43	Shiva Biswakarma	Lt. Prakash Biswakarma	Teesta Bazar, D.I.F.,	08.10.1990	19.12.2004	01. Basic course
44	Norden Sherpa	PALDEN SHERPA	C.K.Chowk, Kpg	10.10.1994	14.12.2018	1.Basic course, 2.Fire fighting
45	Abishek Lepcha	Navin Lepcha	Upper Echhey	13.12.2002	13.11.2020	01. Basic course
46	Tshering Wangchuk Moktan	Lt. Durga Singh Moktan	Barbot, Sindepong, Kalimpong	08.12.1994	27.11.2020	01. Basic course
47	Krishna Rai	Sakal Bh. Rai	Doon Busty, Lava Block	02.10.1992	10.05.2013	01. Basic course
48	Prabhat Thakur	Sanjay Thakur	B.L Dixit Road Sat Do Bato	09.11.1999	13.11.2020	01. Basic course
49	Rohan Manger	Raju Manger	10 <sup>th</sup> Mile R.C.M Road, Kalimpong	05.06.2000	13.11.2020	01. Basic course
50	Subarna Biswakarma	Bisan Biswakarma	9 <sup>th</sup> Mile Kalimpong	13.03.1994	27.11.2020	01. Basic course
51	Pranil Pariyar	Santosh Kumar Pariyar	Shantinagar, Kalimpong	28.11.1994	27.11.2020	01. Basic course
52	Sumit Chettri	Ratan Chettri	Ward no. I, Thakurbari, Kalimpong	24.11.1997	27.11.2020	01. Basic course
53	Siddhant Darnal	Nailesh Darnal	Lower Bong Busty, Tari Gaon, Kpg-I	25.05.2002	27.11.2020	01. Basic course
54	Indu Pradhan	Rajiv pradhan	Ahalay Busty	17.08.1982	17.12.2021	01. Basic course
55	Supriya Pradhan	Jairaj Pradhan	Malbusty	23.02.1994	17.12.2021	01. Basic course
56	Ujjain Mothay	Kumar Mothay	9 <sup>th</sup> Mile, Rishi Rd,	02.09.1998	13.11.2020	01. Basic course
57	Muhammad Sarfaraj	Sami Mahammad	10 <sup>th</sup> Mile, Ward No. IX, Kalimpong	10.10.1997	13.11.2020	01. Basic course
58	Anirudra Rai	Mani Kumar Rai	Upper Pedong	30.11.2002	24.12.2021	01. Basic course
59	Dawa Dorjee Tamang	Anil Tamang	Upper Fagu Tea Estate	25.07.1999	17.12.2021	01. Basic course
60	Riwash Bhujel	Lt. P.B Bhujel	Rambi Bazar	21.07.1992	17.12.2021	01. Basic course

## Annexure V

### **Block Disaster Management Committees**

#### **BDMC Kalimpong-I**

01.	Sri. Manojit Roy, WBCS(Exe)	B.D.O, Kalimpong-I	255640 (O) 7797378654	B.D.O's office, Kalimpong-I
02.	Smt. Lhamu Y. Wangdi	Jt. B.D.O., Kalimpong-I	8670115993	B.D.O's office, Kalimpong-I
03.	Sri. Palden Sherpa	B.L. & L.R.O, Kpg-I	9382616828	B.L.&L.R.O.Office , Kpg
04.	Sri.B.L.Sherpa	O/C Fire Service	255450 8906801609	Fire Station 9 <sup>th</sup> Mile
05.	Sri. Sanjay Ghosh	IC Police. Kalimpong Thana	255268, 255100 9147889083	Kalimpong Police Station.
06.	Sri. Govind Kr. Lakandri Sri Amit Mangar Sri.P.P.Sharma	Range Manager, Kalimpong Range Relli Range Mongpong Range	7908101637  8670663396 9547252247	Forest Office, Kalimpong Relli Forest Office Mongpong Forest Office
07.	Sri. Prabhat Darnal	ADCF&S, Kalimpong.	255285 (O) 9433153180	Food and Supplies Kalimpong.
08.	Dr. Pema Choden	B.L.D.O, KPG-I	9434462309	Seed Farm Dungra
09.	Sri. Pronita Chettri	Asst. Director, of Agriculture, Kalimpong-I	255529 (O) 8170905436	A.D.A.'s Office, 9 <sup>th</sup> mile, Kalimpong
10.	Dr. Rajdeep Ghatak	BMOH, Rambi	262221 7319056286	BMOH, Rambi.
11.	Sri. Prabin Lepcha	J.E , PWD	255250, 7908942109	PWD Kalimpong
12.	Sri. Biswas Pakhrin	J.T.O., Kpg, BSNL	255202 (O), 9434069569	BSNL Telephone, Kalimpong
13.	Sri. Dipak Kerketta	D.I & C.O, Kalimpong	255409 (O), 8116255247	Town Hall, Kalimpong
14.	Sri. Shyam Mahato	Superintendent, Water Works	9932202608	Water Works Departments.
15.	Shri. Pramesh Moktan	C.D.P.O, Kalimpong- I	255480 (O) 8967407341	CDPO, Office, 10 <sup>th</sup> Mile, KPG.
16.	GREF	Commanding Officer,	255503	Durpin, Kalimpong
17.	Smt.Sabita Lama	O/C Teesta Check Post	268270, 8945902127	Teesta, Kalimpong
18.	Sri. Wanchuk Lepcha	O/C Reang Police Station	268262/ 9147889098	Rambi

19.	Sri. Deepak Thapa	O/C Melli Check Post	9932843791	Melli
20.	Sri. Pankaj Kumar	S.M, WBSEDCL	255855 (0) 8900795112	WBSEDCL, Kalimpong
21.	Smt. Kaberi Subba, BDMO	BDMO, Kalimpong-I	8327268074	Kalimpong-I Block.

#### BDMC Lava

Sl No.	Name	Designation	Address	Telephone/ Mobile No.
1.	Smt. Ganga Chettri	BDO	BDO Office Kalimpong-II	7797378655
2.	Shri Swapnil Chakraborty	Jt. BDO	BDO Office Kalimpong-II	9433165639
3.	Dr.A.K.Sarkar	BMOH	BPHC Pedong,P.O.Pedong	9475063603
4.	Shri Anil Chettri	Exe.Engineer	Algarah Engineering Division	9434069555
5.	Dr. J.R. Bhutia	BLDO	BLDO,Kalimpong-II	9933021107
6.	Subham Marak	ADA	ADA,Kalimpong-II	8637885776
7.	Shri Laxman Das	S.I.School	Kalimpong	9064653866
8.	Smt.Rinchen L Yolmo	CDPO	CDPO,Kalimpong-II	8906445874
9.	Rinkey Tamang	S.M.	WBSEDCL, Pedong	9804176936
10	Shri Kundan Tamang	T.A.	BDO Office Lava	9635642712
11.	Shri Manoj Subba	BDMO In-charge	BDO Office Lava	7908824437
12.	Shri Xavierb Kujur	A.P.O.	BDO Office Lava	9593927353
13.	Shri Bharat Lama Sherpa	O.C.,Fire	Fire Station Kalimpong	8906801609
14.	Shri Shankar De	O.C.	Rangpo Police Outpost	7908387998
15	Shri Laxman Pokhrel	O.C.	Lava Police Station	9733096342
16.	Shri Sadhan Malakar	S.I.Food & Supply	Food & Supply Lava Block	6294142731
17	Shri M.M.Sharma	A.E.E.	GREF Camp 20 <sup>th</sup> Mile	9673951393

**BDMC Pedong**

Sl No.	Name	Designation	Address	Telephone/ Mobile No.
1	Koushik Chakraborty	BDO	Block Development Office	7431919880
2	Nurpundee Lepcha	Joint BDO	Block Development Office	9932926217
3	Siddharth Lama	BDMO	Block Development Office	7364999870
4	Ball Kumar Lama	PDO	Block Development Office	7908909836
5	Peden Tshering Bhutia	I.BCW	Block Development Office	9933985033
6	Xavier Kujur	APO	Block Development Office	9593927353
7	T.T.Bhutia	O.C.	Pedong Police Station	9147889093
8	Arjun Sirwal	O.C	Lingshey Police Check Post	9641139396
9	Anup Sarkar	B.M.O.H	Health	9475063603
10	Bharat Lama Sherpa	O.C	Fire and Emergency Kpg	8906801609
11	Jitendra Kumar Chettri	Range Officer	Pankhasari Forest Range	7908155865
12	Pawan Prasad	Range Officer	Lava Forest Range	9434143287
13	Rinkey Tamang	Station Manager	WBSEDCL Pedong	9804176936
14	Phup Tshering Bhutia	E.A / Secretary	Pedong G.P	9832366372
15	Deepak Sewa	E.A / Secretary	Sakyong G.P	9635887994
16	Umesh Rai	E.A / Secretary	Kashyong	9002190552
17	Rohit Kumar Chettri	E.A / Secretary	Lingsheka	9932371380
18	Umesh Pariyar	E.A / Secretary	Lingshey	8436608616
19	Pawan Gurung	E.A / Secretary	Kagay	9733261365

**Block Level Disaster Management Committee under Gorubathan Block**

Sl no.	Name	Designation	Office Address	Contact No.
1	Sri.Souvik Basu	BDO	BDO Office Gorubathan	7551088808
2	Sri Sumanta Kabiraj	SDPO, Gorubathan	Gorubathan	9874849749
3	Sri. Tshering Youden	Jt. BDO	BDO Office	9832067136



	Bhutia		Gorubathan	
4	Sri Sourav Ghosh	OC, Gorubathan Police Station	Gorubathan	8945889519
5	Sri Prajwal Joshi	OC, Jaldhaka Police station	Jaldhaka	8900098279
6	Dr. Somtirtha Das	BMOH	Gorubathan, Health Centre	9593309644
7	Anurodh Chhetri	BLDO/VO	Gorubathan, BLO	9932792198
8	Subrata Sarkar	ADA	Gorubathan	8587006010
9	Ranjit Das	BDMO	BDO Office Gorubathan	7001299315
10	Pema Yuden Bhutia	BLLRO	BL & LRO. Gorubathan	7478426611
11	Tulika Nandi	CDPO	ICDS Office of Gorubathan	8910373005
12	Biswajit Bhowmik	P.A.A.O	BDO Office Gorubathan	8436961636
13	Gracema Lepcha	C.I.	BDO Office Gorubathan	9800524762
14	D.J.Barman	J.E.	BDO Office Gorubathan	9475757849
15	Sushant Karki	F.E.O	BDO Office Gorubathan	9883542183
16	Kuntal Mohanta	A.P.O	BDO Office Gorubathan	9474602231
17	Ashes Tamang	IBCW	BDO Office Gorubathan	8016295470/ 8670223331
18	Palash Ghosh	P.D.O.	BDO Office Gorubathan	8250423820
19	Sadhan Malakar	Ins. Food & Supply	BDO Office Gorubathan	8348424507
20	Regina Lepcha	A.I. School	Office of SI/School Gorubathan	7602037684
21	Sangyal Lama	I.D.O.	BDO Office Gorubathan	9635345938
22	Samir Sarda	I.M.W.	BDO Office Gorubathan	7603091418
23	Biswajit Das	B.Y.O	BDO Office Gorubathan	7679554127
24	Pema Lhamu Bhutia	B.W.O.	BDO Office Gorubathan	7908944530

## Annexure VI

### 1. Incident Response Teams

INCIDENT RESPONSE TEAM: KALIMPONG-I DEVELOPMENT BLOCK					
Sl. No	NAME OF THE ROLE	NAME OF THE OFFICIALS WITH DESIGNATION	ADDRESS	TELEPHONE NO	MOBILE NO.
1	RESPONSIBLE OFFICER & INCIDENT COMMANDER	Sri. Manojit Roy, WBCS(Exe)	BDO office Kalimpong-I P.O- Kalimpong		7797378654
2	DEPUTY INCIDENT COMMANDER	Smt. Lhamu Y. Wangdi, Jt.BDO	Do		9735939695
3	INFORMATION OFFICER	Sri. L.N.Sherpa, Jt.BDO	Do		9735939695
4	LIAISON OFFICER	Smt. Kaberi Subba, BDMO	Do		8327268064
5	SAFETY OFFICER	Dr. Rajdip Ghatak, BMOH	BPHC, Rambhi		7319056286
		Dr. Santanu Das, MO	Do		9800785927
		Dr.Sourav Roy, MO	Do		9674715111
		Dr.Rajat Dey, MOIC	Samthar,BPHC		9830693025
		Dr. Palash Sikdar, MOIC	Teesta,BPHC		8296447165
6	PLANING SECTION CHIEF: Smt. Lhamu Y.Wangdi,Jt, BDO				
7	SITUATION UNIT	Sri. Ashish Bhandari, IDO	BDO office Kalimpong-I P.O- Kalimpong		7679702247
		Sushree. Shakila Tamang, WDO	Do		9832047566
8	RESOURCE UNIT	Smt. Kaberi Subba, BDMO	Do		9733031588
		Smt. Sukmit Lepcha, ADEO	Do		8972307196
		Sri. Nigma Lepcha, CDV Sri Bijoy Subba, CDV			8906113200 6296071789
9	OPERATION SECTION CHIEF: Smt. Kaberi Subba BDMO				
10	SEARCH & RESCUE BRANCH	Sri. B.L.sherpa , O/C Fire Services	Fire Station Kalimpong		8906801609
		Sri. Sushant Karki,	BDO office Kalimpong-I		9883542183

		FEO	P.O- Kalimpong		
		Sri. Rupen Lepcha, DEO	Do		8145084428
11	LAW & ORDER	Sri. Sanjay Ghosh, IC Smt.Sabita Lama, O/C Teesta Sri. Wanchuk Lepcha, O/C Reang Sri. Dipak Thapa,O/C Malli	I/C, Kalimpong  Teesta P.S. Reang PS RambhiP.S. Malli P.S	255268/  255100 268270  268262	9147889083  8945902127 9147889098  9932843791
12	TRANSPORT BRANCH	Sri. Milan Shilal AHC	BDO office Kalimpong-I P.O- Kalimpong		9733023270
13	ARD	Dr. Pema Choden, BLDO,Kpg	Seed Farm, Kalimpong		9434462309
14	HEALTH	Dr.Rajdip Ghatak , BMOH	BPHC, Rambhi		7319056286
15	AGRICULTURE	Dr.Pronita Chettri, ADA	A.D.A's office 9th Mile Kpg	03552- 255529	8170905436
16	ROADS PWD CIVIL	Sri. Prabin Lepcha, JE Kalimpong	PWD Kalimpong	03552- 255250	7908942109
17	ELECTRIC:WBSEDC L	Sri. Pankaj Kumar, SM	Power House 10th Mile Kpg	03552- 255855	8900795112
18	WATER SUPPLY	Sri. Shyam Mahato, Superintendent	Water Works East Main Road Kalimpong		9932202608
19	EDUCATION	Smt. Ongkila Bhutia, SI Primary Smt. Menuka Sewa, SI Secondary	SI Office, Kalimpong		9932671683 9832082722
20	TELEPHONE	Sri. Biswas Pakhrin, JTO	Thana Dara, Kalimpong	03552- 255202	9434069569
21	FISHERY	Dr. Sushant Karki, FEO	BDO office Kalimpong-I P.O- Kalimpong		9883542183
22	FINANCE AND ADMINISTRATION SECTION CHIEF: Sri L.N.Sherpa, Jt.BDO, 9735939695				
23	FINANCE BRANCH	Sri.Milan Silal, AHC	BDO office Kalimpong-I P.O- Kalimpong		9733023270
24	TIME UNIT	Sri Nirmal Tamang, SAE	BDO office Kalimpong-I P.O- Kalimpong		8617012733
25	COMPENSATION UNIT	Smt. Kaberi Subba, BDMO	BDO office Kalimpong-I P.O- Kalimpong		8327268074
		Sri. Dilip Bagdas, APO			7029289496

		Dr. Sushant Karki, FEO			9883542183
		Sri. Phurba Tamang, CI			9609990937
		Susri Chanda Tamang, PA&AO			8670056748
		Sri. Milan Shilal, AHC			9733023270
		Dr.Pronita Chettri, ADA	A.D.A's office 9th Mile Kalimpong	03552- 255529	8170905436
		Dr. Pema Choden, BLDO Kpg-1	Seed Farm, Kalimpong		9434462309
26	PROCUREMENT UNIT	Sri. Sudhir Singh, IBCW Sri. Milan Shilal, UD Smt Sumi Thing, GS	BDO office Kalimpong-I P.O- Kalimpong		9609934860 9733023270 7908412306
27	COST UNIT				
28	LOGISTIC SECTION CHIEF: Phurba Tamang, CI				
29	SERVICE BRANCH		SUPPORT BRANCH		
30	COMMUNICATION UNIT	Smt. Kaberi Subba, BDMO, 8327268074	RESOURCE PROVISION ING UNIT	Sri. Phurba Tamang, CI, 8670056748	
31	MEDICAL UNIT	Dr. Rajdip Ghatak, BMOH, 7319056286	FACILITIES UNIT	Smt. Kaberi Subba, BDMO, 8327268074	
32	FOOD UNIT	Sri. Suman Dey, FI 9804838846	GROUND SUPPORT UNIT	Sri. Uddap Chettri, JE, 9851847546 Sri. Dipen Newar, TA, 9851837390 Sushree. Palmu Tamang, STP, 9593792321 Sushree. Ratima Rai, STP , 8972236823 Smt. Unity Bhujel, STP, 8906401886	

2.

<b>INCIDENT RESPONSE TEAM: LAVA DEVELOPMENT BLOCK</b>				
<b>Sl. No.</b>	<b>NAME OF THE ROLE</b>	<b>NAME OF THE OFFICIALS WITH DESIGNATION</b>	<b>ADDRESS</b>	<b>MOBILE NO.</b>
1	RESPONSIBLE OFFICER & INCIDENT COMMANDER	Smt. Ganga Chettri, BDO	BDO Office, Algarah, P.O. Algarah	7797378655
2	DEPUTY INCIDENT COMMANDER	Shri Swapnil Chakraborty Joint BDO	- Do -	9433165639
3	INFORMATION OFFICER	Shri Xavier Kujur, APO	-Do -	9593927353
4	LIAISON OFFICER	Shri Manoj Subba, BDMO in charge	-Do -	7908824437
5	SAFETY OFFICER	Dr. A.K.Sarkar, BMOH	BPHC Pedong, P.O. Pedong	9475063603
		Shri B.L.Sherpa, O.C, Fire Dept.	Kalimpong	8906801609
		Shri Laxman Pokhrel, OC, Lava PS	Algarah Bazar	9733096342
6	<b>PLANING SECTION CHIEF: SHRI SWAPNIL CHAKRABORTY, Jt.BDO</b>			
7	SITUATION UNIT	Shri Jigme Dukpa, PDO	BDO Office,	9679370430
		Shri Kapil Thapa	CDV	70470857744
8	RESOURCE UNIT	Shri Manoj Subba, BDMO in charge	BDO Office,	7908824437
		Sri Raju Rai, AHC, NREGA	Pedong	9733062005
9	DEMOBILISATION UNIT	Shri Laxman Pokhrel, OC, Lava PS	Algarah	9733096342
		Sri Manish Tamang, T.A. MGNREGS	Algarah Bazaar	993390644
10	<b>OPERATION SECTION CHIEF: SHRI MANOJ SUBBA, BDMO in Charge</b>			
11	SEARCH & RESCUE BRANCH	Shri Laxman Pokhrel, OC, Lava PS	Algarah	9733096342
		Sri Kundan Tamang	BDO Office,	9635642712
		Sri Sonam Lama	BDO Office,	9932907460
		Sri Dipen Rai	BDO Office,	9932907460
12	LAW & ORDER	Shri Laxman Pokhrel, OC, Lava PS	Algarah	9733096342
13	TRANSPORT BRANCH	Sri Raju Rai, AHC, NREGA	Pedong	9733062005
14	ARD	Dr. J.R. Bhutia, BLDO	Kalimpong	9933021107
15	HEALTH	Dr. A.K.Sarkar, BMOH	BPHC Pedong, P.O. Pedong	9475063603
16	AGRICULTURE	Subham Marak, ADA	Algarah, P.O. Algarah	8637885776
17	ROADS PWD CIVIL	Sri Rajiv Sarkar, E.E.	Kalimpong	9733090858

18	ELECTRIC:WBSEDCL	Rinkey Tamang,S.M.	Kalimpong	9804176936
19	WATER SUPPLY	Sri Sushil,A.E, PHE	Kalimpong	8900318793
20	EDUCATION	Sri Laxman Das, S.I. of Schools	Kalimpong	9064653866
21	TELEPHONE	Shri Amar Chettri	Algarah	9002791577
22	FISHERY	Smt. Veronica Gurung,FEO	Pedong	9733325601
23	<b>FINANCE AND ADMINISTRATION SECTION CHIEF: SHRI NAVRAJ ACHARYA, PAAO</b>			
24	FINANCE BRANCH	Smt. Sujata Sahee,Cashier,	Kalimpong	7797343295
25	TIME UNIT	Shri Gagan Pokhrel,T.A. MGNREGS,	BDO Office,Algarah,P.O. Algarah	8967300448
26	COMPENSATION UNIT	Shri Gunja Singh Baraily, HC	BDO Office,Algarah,P.O. Algarah	9933546740
27	PROCUREMENT UNIT	Sri Raju Rai,AHC,NREGA	BDO Office,Algarah,P.O. Algarah	9733062005
28	COST UNIT	Shri Manoj Subba,BDMO in Charge,	BDO Office,Algarah,P.O. Algarah	7908824437
29	<b>LOGISTIC SECTION CHIEF: SHRI RUPESH LAMA APO</b>			
30	<b>SERVICE BRANCH</b>		<b>SUPPORT BRANCH</b>	
31	COMMUNICATION UNIT	Shri Manoj Subba,BDMO in Charge, 7908824437	<b>RESOURCE PROVISIONING UNIT</b>	Shri Pranay Gurung,IBC W, 8250318499
32	MEDICAL UNIT	Dr. A.K.Sarkar, BMOH, 9475063603	<b>FACILITIES UNIT</b>	Shri Manoj Subba,BDMO in Charge, 7908824437
33	FOOD UNIT	Shri Sadhan Malakar, S.I. Food & Supply,6294142731	<b>GROUND SUPPORT UNIT</b>	Sri Kishor Chandra Rai,9832405424

<b>3. INCIDENT RESPONSE TEAM: PEDONG DEV. BLOCK</b>				
<b>Sl. No</b>	<b>NAME OF THE ROLE</b>	<b>NAME OF THE OFFICIALS WITH DESIGNATION</b>	<b>ADDRESS</b>	<b>MOBILE NO.</b>
1	REDSPONSIBLE OFFICER & INCIDENT COMMANDER	Shri Koushik Chakraborty B.D.O	BDO Office Pedong	7431919880
2	DEPUTY INCIDENT COMMANDER	Smt. Narpundee Lepcha Jt.B.D.O	BDO Office Pedong	9932926217
3	INFORMATION OFFICER	Shri Prashenjit Ganguly	BDO Office Pedong	9832688027
4	LIAISON OFFICER	Shri Siddhart Lama B.D.M.O	BDO Office Pedong	7364999870
5	SAFETY OFFICER	Dr. Anup Sarkar B.M.O.H	BPHC Pedong	9475063603
		Shri Bharat Lama Sherpa, O.C Fire Dept.	Kalimpong	8906801609
		Shri T.T.Bhutia, O.C, Police Station	Pedong	9147889093
6	<b>Jt.BDO PLANNING SECTION CHIEF: Smt. NURPUNDEE LEPCHA,</b>			
7	SITUATION UNIT	Shri Xavier Kujur, APO	Pedong	9593927353
		Shri Dip Tsh Tamang	CDV	9933512654
8	RESOURCE UNIT	Shri Siddhart Lama BDMO	Pedong	7364999870
		Shri Swarup Khargo	Pedong	7602019721
9	DEMOBILISATION UNIT	Shri T.T.Bhutia, O.C, Police Station	Pedong	9147889093
10	<b>BDMO OPERATION SECTION CHIEF: SHRI SIDDHART LAMA,</b>			
11	SEARCH & RESCUE BRANCH	Shri T.T.Bhutia, O.C, Police Station	Pedong	9147889093
		Shri Dorjee Wangchuk Bhutia	BDO Office Pedong	8597112829
		Sri Swarup Khargu	BDO Office Pedong	7602019721
12	LAW& ORDER	Shri T.T.Bhutia, O.C, Police Station	Pedong	9147889093
13	TRANSPORT BRANCH	Shri Gunja Baraily	Pedong	9933546740

14	ARD	Sri Jigme Rinchen Bhutia	Pedong	9933021107
15	HEALTH	Dr. Anup Sarkar, BMOH	BPHC Pedong	9475063603
16	AGRICULTURE	Sri Subham Marak	Pedong	8637885776
17	ROADS PWD CIVIL	Sri Rajiv Sarkar E.E	Kalimpong	9733090858
18	ELECTRIC WBSEDCL	Rinkey Tamang S.M	Pedong	9804176936
19	WATER SUPPLY	Shri Sushil,A.E, PHE.	Kalimpong	8900318793
20	EDUCATION	Shri Laxman Das S.I of School	Kalimpong	9064653866
21	TELEPHONE	Sri Amar Chettri	Algarah	9002791577
22	FISHERY	Smt. Veronica Gurung	Pedong	9733325601
23	<b>FINANCE AND ADMINISTRATION SECTION CHIEF:</b>			
24	FINANCE BRANCH	Shri Gunja Baraily	Pedong	9933546740
25	TIME UNIT	Shri Gagan Pokhrel, T.A. MGNREGS,	BDO OFFICE, PEDONG	8967300448
26	COMPENSATION UNIT	Shri Gunja Baraily, HC	BDO Office Pedong	9933546740
27	PROCUREMENT UNIT	Shri Siddhart Lama BDMO	Pedong	7364999870
28	COST UNIT	Shri Siddhart Lama BDMO	Pedong	7364999870
29	<b>LOGISTIC SECTION CHIEF:</b>			
30	<b>SERVICE BRANCH</b>		<b>SUPPORT BRANCH</b>	
31	COMMUNICATION UNIT	Shri Siddhart Lama BDMO,7364999870	RESOURCE PROVISIONING UNIT	Smt. Peden Tsh Bhutia, 9933985033
32	MEDICAL UNIT	Dr. Anup Sarkar B.M.O.H 9475063603	FACILITIES UNIT	Shri Siddhart Lama BDMO,7364999870
33	FOOD UNIT	Shri Soumen Ghosh S.I F&S, 6290279216	GROUND SUPPORT UNIT	Sri Nitesh Gurung 9002845876



4.

<b>INCIDENT RESPONSE TEAM: GORUBATHAN DEVELOPMENT BLOCK</b>				
<b>Sl. No.</b>	<b>NAME OF THE ROLE</b>	<b>NAME OF THE OFFICIALS WITH DESIGNATION</b>	<b>ADDRESS</b>	<b>MOBILE NO.</b>
1	RESPONSIBLE OFFICER & INCIDENT COMMANDER	Sri.Souvik Basu , BDO	BDO Office,Gorubathan	7551088808
2	DEPUTY INCIDENT COMMANDER	Sri. Tshering Youden Bhutia, Jt.BDO	- Do -	9832067136
3	INFORMATION OFFICER	Sri. Tshering Youden Bhutia, Jt.BDO	- Do -	9832067136
4	LIAISON OFFICER	Ranjit Das, BDMO	-Do -	7908944530
5	SAFETY OFFICER	Dr. Somtirtha Das, BMOH	BPHC Gorubathan BPHC Jaldhaka	9593309644
		Shri B.L.Sherpa, O.C,Fire Dept.	Kalimpong	8906801609
		Dr. Abhisek Mondal	BMOH, Jaldhaka	9732351983
		Dr.Uttam Kumar Das	PHE, Sherpa Gaon	7602720974
		Sri. Sourav Ghosh, O/C	Gorubathan PS	8945889519
		Sri. Prajwal Joshi, O/C	Jaldhaka PS	8900098279
6	<b>PLANING SECTION CHIEF: Smt. Tshering Youden Bhutia Jt.BDO</b>			
7	SITUATION UNIT	Shri Biswajit Bhowmik, PAAO	BDO Office,	8436961636, 8250124953
		Sri Ranjit Das, BDMO	BDO Office	7001299315
		Sri. Sourav Ghosh, O/C	Gorubathan PS	8945889519
		Sri. Prajwal Joshi, O/C	Jaldhaka PS	8900098279
8	RESOURCE UNIT	Shri D.J.Barman, JE	BDO Office,	9475757849
		Sri Ashes Tamang, IBCW	BDO Office	8670223331
		Sri Yashraj Rasaily, STP	MGNREGS	7384798868
9	DEMOBILISATION UNIT	Sri. Sourav Ghosh, O/C	Gorubathan PS	8945889519
		Sri. Prajwal Joshi, O/C	Jaldhaka PS	8900098279
		Sri Bikram Thapa, TA	MGNREGS	9475082963
		Sri Saran Gahatraj, TA	MGNREGS	7384864356
10	<b>OPERATION SECTION CHIEF: Smt. Tshering Youden Bhutia Jt.BDO</b>			
11	SEARCH & RESCUE BRANCH	Sri. Sourav Ghosh, O/C	Gorubathan PS	8945889519
		Sri. Prajwal Joshi, O/C	Jaldhaka PS	8900098279

		Sri Bikram Thapa, TA	MGNREGS	9475082963
		Sri Yashraj Rasaily, STP	MGNREGS	7384798868
		Sri Premdan Molomu Lepcha	MGNREGS	9749140648
12	LAW & ORDER	Sri. Sourav Ghosh, O/C	Gorubathan PS	8945889519
		Sri. Prajwal Joshi, O/C	Jaldhaka PS	8900098279
13	TRANSPORT BRANCH	Shri D.J.Barman, JE	BDO Office,	9475757849
		Sri Ashes Tamang, IBCW	BDO Office	8670223331
		Sri Binod Lama, Driver BAP	MGNREGS	9775832599
14	ARD	Dr.Subrata Sarkar,BLDO	Gorubathan	8587006010
15	HEALTH	Dr. Somtirtha Das, BMOH	BPHC Gorubathan	9593309644
		Dr. Abhisek Mondal	BMOH, Jaldhaka	9732351983
16	AGRICULTURE	Shri Subrata Sarkar,ADA	Gorubathan	8587006010
17	ROADS PWD CIVIL	Sri Prasanta Panja,A.E.	Gorubathan	9434204859
18	ELECTRIC:WBSEDCL	Sri Ranadip Majumdar, A.E.	Gorubathan	9434977106/ 03562-250282
		Sri. T.Sherpa AE.	Odlabari Kalimpong	9449301326 9933303489
19	WATER SUPPLY	Sri Prithviraj Pradhan, Exe. Engineer		
20	EDUCATION	Smt.Rejina Lepcha. A.I. of School	Gorubathan	7602037684
		Shri Anand Sharma, SI of School	Gorubathan	9563004427
21	TELEPHONE	Shri Subash Chaudary , JTO	Gorubathan	9475392060
22	FISHERY	Shri Sushant Karki,FEO	BDO Office	9883542183
23	<b>FINANCE AND ADMINISTRATION SECTION CHIEF: Smt. Tshering Youden Bhutia Jt.BDO</b>			
24	FINANCE BRANCH	Shri Biswajit Bhowmik, PAAO	BDO Office,	8436961636, 8250124953
		Shri Deoraj Sharma, UDC	BDO Office	9933546740
25	TIME UNIT	Shri D.J.Barman, JE	BDO Office,	9475757849
		Sri Yashraj Rasaily, STP	MGNREGS	7384798868
		Sri. Sourav Ghosh, O/C	Gorubathan PS	8945889519
		Sri. Prajwal Joshi, O/C	Jaldhaka PS	8900098279
26	COMPENSATION UNIT	Shri Biswajit Bhowmik, PAAO	BDO Office,	8436961636, 8250124953
		Shri Mukesh Tamang,ADA	Gorubathan	9083266478
		Dr.Anurodh Chhetri,BLDO	Gorubathan	9932792198
		Smt. Gracema Lepcha, C.I.	-Do -	9800524762
		Sri. Ranjit Das, BDMO	BDO Office	7001299315

		Shri Sushant Karki, FEO	BDO Office	9883542183
		Shri Deoraj Sharma, Cashier	BDO Office	9734077083
		Shri D.J.Barman, JE	BDO Office,	9475757849
27	PROCUREMENT UNIT	ShriDeoraj Sharma, Cashier	BDO Office	9734077083
28	COST UNIT	ShriDeoraj Sharma, Cashier	BDO Office	9734077083
29	<b>LOGISTIC SECTION CHIEF: Smt. Tshering Youden Bhutia Jt.BDO</b>			
30	<b>SERVICE BRANCH</b>		<b>SUPPORT BRANCH</b>	
31	COMMUNICATION UNIT	Sri Ranjit Das, BDMO, 7001299315 Shri D.J.Barman, JE 9475757849	<b>RESOURCE PROVISIONING UNIT</b>	D.J.Barman, JE, 9475757849 ShriAsheshTamang, IBCW, ShriYashraj Rasaily, STP
32	MEDICAL UNIT	Shri Somtirtha Das, BMOH, 9593309644 Shri Sutanu Sen Sharma, BMOH	<b>FACILITIES UNIT</b>	Smt. Anjani Gupta, LEOMEE ShriNirmalRana, Sanitary Insp, 9733374947
33	FOOD UNIT	Shri Biswajit Roy, Insp Food & Suppy, 9434366863	<b>GROUND SUPPORT UNIT</b>	Sri Ranjit Das, BDMO, 7001299315

## Annexure VII

### QRT Kalimpong I Block

Sl. No.	Name of the G.P.	Volunteer	Contact No.
1	<b>Bhalukhop</b>	<ol style="list-style-type: none"> <li>1. Tikaram Sharma-I</li> <li>2. Mahendra Rai-I</li> <li>3. Malati Rai-I</li> <li>4. Arpen Rai-I</li> <li>5. Malati Chettri-II</li> <li>6. Rinky Tamang-II</li> <li>7. Subotutta Gurung-II</li> <li>8. Richart Lepcha-II</li> <li>9. Kiran Gurung-III</li> <li>10. Papu Pradhan-III</li> <li>11. Santosh Rai-IV</li> <li>12. Bikash Pradhan-IV</li> <li>13. Phurba Bhutia-IV</li> <li>14. Dew Kumar Chettri-IV</li> <li>15. Uddab Lama-V</li> </ol>	<p>9932161789 9083680728 7432902403 8759918480 7719201098 7001237904 8371035354 7478444991 9932514389 7797870687 9547165543 8116598861 9933020817 9800608845 8436541304</p>
2	<b>Bong</b>	<ol style="list-style-type: none"> <li>1. Saroj Siktel</li> <li>2. Buddha Raj Subba-I</li> <li>3. Krishna Subba-I</li> <li>4. Hema Darnal-I</li> <li>5. Anjana Adhikari-II</li> <li>6. Basant Pokhrel-II</li> <li>7. Geeta Chettri-II</li> <li>8. Chanchal Basnet-II</li> <li>9. Ashwin Chettri-III</li> <li>10. Gay Tsh. Lepcha-III</li> <li>11. La Tsh Lepcha-III</li> <li>12. Bimal Rai-IV</li> <li>13. Samden Lepcha-IV</li> <li>14. Kamal Pradhan-IV</li> <li>15. Krishna Pokhrel-V</li> </ol>	<p>7479325956 7679597206 9933801227 9002693242 9832435431 9635266704 7864992780 9547758106 9564415835 8016105597 9932792251 9547101634 9933022105 9933663131 9832644401</p>
3	<b>Dr. Graham's Homes</b>	<ol style="list-style-type: none"> <li>1. Sri.Chandra Bdr. Sarki-I</li> <li>2. Smt. Sarda Panchakoti-I</li> <li>3. Bikki Ghimiray-I</li> <li>4. Kumar Rumtal II</li> <li>5. Pratap Rai-II</li> <li>6. Ranju Subba-II</li> <li>7. Rita Tamang-II</li> <li>8. Albina Thapa.-III</li> <li>9. Sanita Chettri-III</li> <li>10. Dhurbamani Chettri-III</li> <li>11. Moses Lepcha-IV</li> <li>12. Akash Patel-IV</li> <li>13. Lalita Lama-IV</li> <li>14. Arun Shankar</li> <li>15. Rebika Simick</li> </ol>	<p>9593685750 7699875672 6295324761 8101066839 9832872014 7432888359 7001228862 9933377182 9679701557 8016878092 9800204225 9679973147 8016597330 7047710606 7602232477</p>

4	<b>Dungra</b>	<ol style="list-style-type: none"> <li>1. D.B.Thapa-I</li> <li>2. Sandesh Subba-I</li> <li>3. Sanju Subba-I</li> <li>4. Gyanendra Subba-I</li> <li>5. Shiva Sharma-II</li> <li>6. Ashish Subba-II</li> <li>7. Abhimanyu Subba-II</li> <li>8. Tirtha Bdr. Subba-II</li> <li>9. Bipen Pradhan-III</li> <li>10. Manju Pradhan-III</li> <li>11. Jiwan Pradhan-III</li> </ol>	<p>9933043081 8016646622 9932506796 9635057058 8927773601 8967478518 7319486488 9932201968 8972301318 9832878319 7584067530</p>
5	<b>Kaffer-Kankebong</b>	<ol style="list-style-type: none"> <li>1. Anil Rai-I</li> <li>2. Saroj Rai-I</li> <li>3. Jhon Lepcha-II</li> <li>4. Sukman Lepcha-II</li> <li>5. Manoj Poudyal-III</li> <li>6. Stephan Lepcha-III</li> <li>7. Bharat Thapa-IV</li> <li>8. Robin Thapa-IV</li> <li>9. Dikbir Gurung</li> <li>10. Subash Rai</li> <li>11. Pema Tamang</li> <li>12. Santosh Tamang</li> </ol>	<p>9933546747 9775592946 8972963012 9933780208 9735017618 7602409155 95947042980 9679013765 9563048208 9002355998 9933132063 9800026713</p>
6	<b>Kalimpong</b>	<ol style="list-style-type: none"> <li>1. Heran Sharma-I</li> <li>2. Chogen Lepcha-I</li> <li>3. Larence Bhattra</li> <li>4. Biren Bhujel</li> <li>5. Jiten Rasaily-II</li> <li>6. Ganga Chhetri-II</li> <li>7. Nouel Lepcha-II</li> <li>8. Nima Lepcha-II</li> <li>9. Diwas Ttrwa-III</li> <li>10. Rupesh Chettri-III</li> <li>11. Manoj Subba -iii</li> <li>12. Raju Sunuwar-III</li> <li>13. Nandalal Sharma-IV</li> </ol>	<p>7478711491 9609841771 7797902846 9647789869 9933807737 9933719708 8345028045 7001812150 9547564693 9933794063 6295938678 9002087312 8945969186</p>
7	<b>Lower Echhay</b>	<ol style="list-style-type: none"> <li>1. Mahendra Dahal</li> <li>2. Singi Namgyal Bhutia</li> <li>3. Kapil Psd. Timsina</li> <li>4. Dipen Ghimirey</li> <li>5. Yadav Sharma</li> <li>6. Tarpan Tamang</li> <li>7. Krishna Kr Acharya</li> <li>8. Bijay Thapa</li> <li>9. Urgen Tamang</li> <li>10. Raju Khati</li> <li>11. Mahendra Tamang</li> <li>12. Tikaram Timsina</li> <li>13. Tikaram Poudyal</li> <li>14. Durga Nepal</li> </ol>	<p>9932671770 9635706520 8145850862 9933024749 9932451123 9679666635 9933671108 9547248769 9932234687 9749594171 9933628538 9933807772 8016105724 9832478563</p>

8	<b>Nimbong</b>	<ol style="list-style-type: none"> <li>1. Chyo Joate Lepcha-I</li> <li>2. Avinas Lepcha</li> <li>3. Kailash Chettri</li> <li>4. Dilip Gurung</li> <li>5. Yadav Thapa</li> <li>6. Sonam Tsh. Lepcha</li> <li>7. Dalaram Sharma</li> <li>8. Gobind Chettri</li> <li>9. Gunjan Chettri</li> <li>10. Tikaram Chettri</li> <li>11. Suman Tamang</li> <li>12. Dipen Chettri</li> <li>13. Prabin Chettri</li> <li>14. Damber Kr. Chettri</li> </ol>	<p>9476294243 7872285704 7872566766 8343820212 9749763673 8158017784 9083709290 9647712992 9547299188 9733430233 9733118394 8145706275 9593212194 7407185309</p>
9	<b>Pabringtar</b>	<ol style="list-style-type: none"> <li>1. Nitesh Khawas-I</li> <li>2. Biren Subba-I</li> <li>3. Ramesh Chettri</li> <li>4. Yuel Lepcha-II</li> <li>5. Gobin Biswakarma-II</li> <li>6. Ribendra Subba-II</li> <li>7. Kiran Khawas-III</li> <li>8. Amit Subba-III</li> <li>9. Krishna Psd. Subba</li> <li>10. Suraj Mukhia-IV</li> <li>11. Simon Rai-IV</li> <li>12. Moniraj Rai</li> <li>13. Merina lepcha</li> <li>14. Mani Kr. Subba-V</li> <li>15. Hasan Gurung-V</li> </ol>	<p>6294966179 9679281901 9382629525 8509194959 7679342113 9547602893 6296421773 6295478871 8918191675 8597677281 9002906747 9501209945 8509615489 9800925807 9749180732</p>
10	<b>Pudung</b>	<ol style="list-style-type: none"> <li>1. Anmol Baraily</li> <li>2. Nittam Rai</li> <li>3. Rewash Ranapal</li> <li>4. Boniface Subba</li> <li>5. Gopal Gurung</li> <li>6. Joshep Rai</li> <li>7. Jitu Subba</li> <li>8. Durga Gurung</li> <li>9. Pradeep Subba</li> <li>10. Ramesh Subba</li> <li>11. Sandeep Tamang</li> <li>12. Ramesh Sharma</li> </ol>	<p>8944968654 8597459300 8906932011 7829379969 9949756264 9002631569 9800600381 8016851546 7863976498 8116584724 8637080388 8388978533</p>
11	<b>Samalbong</b>	<ol style="list-style-type: none"> <li>1. Subash Rai-I</li> <li>2. Sudhir Chettri-I</li> <li>3. Sujata Biswakarma-I</li> <li>4. Sameer Tamang-I</li> <li>5. Nirmal Lepcha-II</li> <li>6. Hari Manger-II</li> <li>7. Harka Bdr. Mangar-II</li> <li>8. Yawan Chettri-II</li> <li>9. Sundar Lama-III</li> <li>10. Benu Chettri-III</li> <li>11. Manju Tamang-III</li> <li>12. Sanjay Subba-III</li> </ol>	<p>8016878081 8016390576 8016462740 9064633963 9064929962 9733961759 9932958490 8372813868 7431924874 9933654087 9735075781 9735909847</p>

		13. Deepen Kalden-IV 14. Deo Prakash Rai-IV 15. Tanka Mukhia-IV 16. Rajen Khawas-IV 17. Endra Bdr. Kalden-V 18. Jonas Bhujel-V 19. Surendra Tamang-V 20. Som Tshering Lepcha-V 21. Sinbir Tamang-VI 22. Daulat Rai-VI	8001411331 9733151701 8972587601 9609938233 6297815368 9563519600 9800765934 8016869731 9609992735 9800139301
12	<b>Samthar</b>	1. Gobind Bhujel-I 2. Sonam Lepcha-I 3. Bikash Bhujel-I 4. Dolma Sherpa-I 5. Dhanman Lepcha-II 6. Justin Lepcha-II 7. Phurba Lepcha-II 8. Kubir Singh Bhujel-II 9. Mahendra Lepcha-III 10. Yadi Lepcha-III 11. Madhan Bhujel-III 12. Dhan Maya Bhujel-III 13. Dinesh Chhetri-IV 14. Lalbir Rai-IV 15. Bijay Gurung-IV 16. Bhim Bdr Bhujel-IV	9733450154 7076872921 9609762149 7602866206  9933024051 8670663627 7797315420 9733327047 9832376130 9800949916 8759218994 9733377931 8016215085 8145677370 6296715984
13	<b>Seokbir</b>	1. Passang Dorjee Tamang-I 2. Robert Lepcha-I 3. Nima Dorjee Tamang-I 4. Tularam Sharma-II 5. Lalit Pradhan-II 6. Udai Pradhan-II 7. Suraj Pradhan-II 8. Take Bir Gomden-III 9. Arun Bal-III 10. Buddhaman Yonzen –III 11. Saran Dhakal-IV 12. Mamgal Sing Lepcha-IV	9933157569 9064575045 8001408805 8944965344 9609346572 9800793961 7001804514 8670918361 8101167372 8670918361 9593911954 6295948902
14	<b>Sindebong</b>	1. Thupden Lepcha-I 2. Merina Subba-I 3. Rita Rai-I 4. Namita Gurung 5. Pratap Rai-II 6. Hement Pradhan.II 7. Om Prakash Sharma-II 8. Prabin Bhujel 9. Dilip Chettri 10. Taraman Subba-III 11. Anil Bhujel-III 12. Kumari Chettri-III 13. Milan Tamang-IV 14. Nangsal Tamang-IV	9800486434 8967102524 8927204602 7478408212 8207001445 7431862187 8170941107 7602885528 7699340545 8972380394 8101601631 8918098952 9800600442 9735052203

15	<b>Tashiding</b>	<ol style="list-style-type: none"> <li>1. Kiran Sherpa-I</li> <li>2. Bikash Subba-I</li> <li>3. Bikki Subba-I</li> <li>4. Stermon Lepcha-II</li> <li>5. Riwash Subba-II</li> <li>6. Deben Subba-II</li> <li>7. Sonam Lepcha-III</li> <li>8. Santosh Subba-III</li> <li>9. Hemant Khawas-IV</li> <li>10. Norden Lepcha-IV</li> <li>11. Dinesh Rai-V</li> <li>12. Bishal Sharma-V</li> <li>13. Deepak Pradhan-V</li> </ol>	<p>8967801318 9002925811 9932175652 7872903082 8167816206 8768837454 9609809698 8159961499 9933671027 9800000959 8967106185 9064301002 8436108360</p>
16	<b>Teesta</b>	<ol style="list-style-type: none"> <li>1. Asish Mangar-I</li> <li>2. Niraj Chettri-I</li> <li>3. Sunil Pradhan-I</li> <li>4. Sajan Mukhia-II</li> <li>5. Ajit Rai-II</li> <li>6. Bhadur hang Subba</li> <li>7. Rohit Subba-II</li> <li>8. Sanam Lepcha-III</li> <li>9. Tilak Kr. Tamang-III</li> <li>10. Sukman Lepcha-III</li> <li>11. Samrat Gupta-IV</li> <li>12. Bimal Rai-IV</li> <li>13. Sajan Tamang-IV</li> </ol>	<p>7807053604 7047432209 9907173479 7318932932 8670450841 9002929751 7029004416 9382861199 8597079714 8167844348 6296224156 7679824957 7908409831</p>
17	<b>Upper Echhay</b>	<ol style="list-style-type: none"> <li>1. Sagar Rana-I</li> <li>2. Rohit kr. Rai-I</li> <li>3. Babin Bhandari-I</li> <li>4. Prakash Sharma-I</li> <li>5. Pramod Rai-I</li> <li>6. Suman Subba</li> <li>7. Dambar Chettri</li> <li>8. Dibya Rai-I</li> <li>9. Bishal Rai-I</li> <li>10. Munna Thapa-I</li> <li>11. Pappu Gautam-I</li> <li>12. Dichen Bhutia-I</li> <li>13. Nishay Gautam-I</li> <li>14. Nima Sangay Sherpa-I</li> <li>15. Navin Chettri-I</li> <li>16. Santosh Pradhan-II</li> <li>17. Amar Singh Rai-II</li> <li>18. Yogen Gurung-II</li> <li>19. Suk Tshering Sherpa-II</li> </ol>	<p>7501882128 9932775667 9832558906 9832932934 8016582576 7602559127 8167350608 7908253151 8016360545 7063497120 7076873113 8116132565 7047089584 8670033347 9609554001 8170939982 7602284992 9800785172 8768442225</p>



18	<b>Yangmakum</b>	1. Dinesh Bhujel-I 2. Prem Bhujel-I 3. Dhiren Rai-I 4. Lensing Lepcha-I 5. Rajesh (Bicky) Subba-II 6. Timothy Lepcha-II 7. Ongdi Lepcha-II 8. Namgyal Lepcha-II 9. Chandra Sing Bhujel-III 10. Raju Subba-III 11. Sanjay Rai-III 12. Ahwan Rai-III 13. Ashik Rai-IV 14. Kailash Bhujel-IV	8101382754 7478408064 9134874194 9832317193 9064383256 9382522694 7432855422 9547583432 9641111534 9475529082 9475088089 8918989870 8116542651 9641556462
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### QRT Lava Block

List of Quick Responce Team, LAVA DEVELOPMENT BLOCK					
Sl.No.	Name of the members of Quick Response Team (Disaster Management Group)	Address	Contact No.	Field of activity	Name of G.P.
1	Tika Rai	Santook G.P.	9563233614	Executive Assistant	Santook
2	Rabi Magrati	Santook G.P.	9434196687	Sahayak	Santook
3	Bijay Tamang	Santook G.P.	9932234662	Karmee	Santook
4	Nanda Kumar Tamang	Santook G.P.	9932869235	Karmee	Santook
5	Bina Sarkee	Santook G.P.	9002712288	Karmee	Santook
6	Bharat Pradhan	Algarah DIF-II	8016480789	Shool Teacher	Santook
7	Dushant Tamang	Algarah DIF-I	9932320263	Social worker	Santook
8	Roman Subba	Lower Santook	9775970742	R.P. Santook S.H.G.	Santook
9	Pemba Bhutia	Mirik	7602282455	Social worker	Santook
10	Yogendra Tamang	Pakthang E&W	9749026178	Social worker	Santook
11	Pranit Bhujel	Paiyong F/V	9775980567	Social worker	Santook
12	Om. Tsh. Lepcha	Mool Santook	9932397752	Shool Teacher	Santook
13	Churamani Pokhrel	Whole G.P.	9733061809	Health Dept.	Santook
14	Santosh Chettri	Menjong	9932180889	Social worker	Santook
15	Tarkeshwar Konwar	Lava-Gitbeong G.P	9932483363	Executive Assistant	Lava-Gitbeong
16	Ran Kr. Nawbag	Lava-Gitbeong G.P		Karmee	Lava-Gitbeong
17	Mahendra Bagdas	Lava-Gitbeong G.P	9800140534	Karmee	Lava-Gitbeong
18	Raju Lamichaney	Lava-DIF	9933447809	Teacher	Lava-Gitbeong
19	Sujan Pradhan	Lava-DIF	9002104969	Social worker	Lava-Gitbeong

20	Phup Tsh. Bhutia	Lava-DIF	8972002012	Social worker	Lava-Gitbeong
21	Sonam Bhutia	Lava-DIF	8116717629	Social worker	Lava-Gitbeong
22	Nima Lepcha	Lava-DIF	9933796732	Civic	Lava-Gitbeong
23	Retemba Sherpa	Lava-DIF	7407898613	Social worker	Lava-Gitbeong
24	Kamal Lepcha	Gitkolbong	9933922835	NGO	Lava-Gitbeong
25	Phup Tsh. Bhutia	Gitkolbong	7076621282	Social worker	Lava-Gitbeong
26	Bijay Thakuri	Nokdara	9635530814	Social worker	Lava-Gitbeong
27	Binod Gajmer	Sangsey G.P.	7031717068	Executive Assistant	Sangsey
28	Sujan Gajmer	Sangsey G.P.	7908443138	Sahayak	Sangsey
29	Dinesh Biswakarma	Sangsey G.P.	7602885619	Sahayak	Sangsey
30	Bharat Chhetri	Sangsey G.P.	9932519280	Karmee	Sangsey
31	Mani Kumar Rai	Sangsey G.P.	9932412332	Karmee	Sangsey
32	Bimal Sharma	Sangsey G.P.	9832029758	Karmee	Sangsey
33	D.P. Lohar	Sangsey G.P.	9734097492	Karmee	Sangsey
34	Sarad Yonzon	Bhangay	9635596838	BLO & SSK Teacher	Sangsey
35	Anand Chettri	Bhangay	9434891944	SHG Member	Sangsey
36	Dhana Pradhan	Munsidhura	9933796761	Social worker	Sangsey
37	Shailendra Tamang	Munsidhura	9800700266	BLO & School Teacher	Sangsey
38	Chandra Rai	Yogda	8972301861	BLO & School Teacher	Sangsey
39	Arati Giri	Tumlabong	7063388685	SHG Member	Sangsey
40	Arjun Rai	Bimbong	9800790063	BLO	Sangsey
41	Keshar Rai	Kharka	9800226687	Social worker	Sangsey
42	Sharku Rai	Kharka	9800176217	Tax Collector	Sangsey
43	Samuel Lepcha	Khambung	9064812581	Social worker	Sangsey
44	Samala Rai	Khambung	9593977026	ICDS/SHG Cluster	Sangsey
45	Mahesh Tamang	Burmaik	8906712179	BLO	Sangsey
46	Samir Paudel	Burmaik	9800788589	NGO	Sangsey
47	Yugel Tsh. Sherpa	Munsong	9593883178	Asst. Teacher	Sangsey
48	Sonam Kabo	Munsong	9733216046	Head Teacher	Sangsey
49	Kalpana Rai	Tarkhola F/V	9933109147	BLO/SHG	Sangsey
50	Dawa Tamang	Tarkhola F/V	7602290828	Social worker	Sangsey
51	Aitasingh	Mangchu	9933802538	Social worker	Sangsey
52	Rajkumar Sharma	Sakyong-G.P.	9800113113	Executive Assistant	Sangsey
53	Deepak Sewa	Sakyong-G.P.	9832447166	Sahayak	Sangsey
54	Hariprasad Sharma	Sakyong-G.P.	9002379742	Karmee	Sangsey
55	D.P. Biswakarma	Sakyong-G.P.	9800095210	Karmee	Sangsey

56	Kumar Lohar	Sakyong-G.P.	8972460919	Karmee	Sangsey
57	Ramesh Biswakarma	Dokyong-I	9933772242	Social worker	Sangsey
58	Bhusan Rai	Dokyong-II	8972681334	Teacher	Sangsey
59	Sonam Tsh. Bhutia	Lower Menchu	8001390751	Social worker	Sangsey
60	Chopel Bhutia	Mul Sakyong-I	9563567899	Social worker	Sangsey
61	Rinzee Bhutia	Mul Sakyong-II	9635471153	Social worker	Sangsey
62	Udai Rai	Tendrabong	9002732226	Social worker	Sangsey
63	Binod Rai	Mairung F.V	9547386688	Social worker	Sangsey
64	Urdeep Rai	Chummerchen	9800770347	Social worker	Sangsey
65	Alone Rai	Upper Menchu	9564144531	Social worker	Sangsey
66	Robert Rai	Gitdabling G.P.	9933628467	Sahayak	Gitdabling
67	Ramesh Chettri	Gitdabling G.P.	8016582702	Karmee	Gitdabling
68	Pradeep Rai	Gitdabling G.P.	9932202629	Karmee	Gitdabling
69	Prem Kumar Chettri	DIF	9932828722	Social worker	Gitdabling
70	Ansalet Lepcha	Beong	7063834190	Social worker	Gitdabling
71	Gautam Sherpa	Beong	7602222655	Social worker	Gitdabling
72	Pancharaj Chettri	Tugong Chyangdong	7001045136	Social worker	Gitdabling
73	Raten Rai	Tugong Chyangdong	8972222452	Social worker	Gitdabling
74	Roshan Rai	Pochok	9800887499	Social worker	Gitdabling
75	Rajen Rai	Pochok	8167280875	Social worker	Gitdabling
76	Engden Lepcha	Dabbling	8116168371	Social worker	Gitdabling
77	Ashok Lepcha	Dabbling	9932561180	Social worker	Gitdabling
78	Topden Lepcha	Pakang	7585951862	NGO	Gitdabling
79	Samel Lepcha	Pakang	9002304071	Social worker	Gitdabling
80	Maheshwar Sharma	Paiyong G.P.	9933043026	Executive Assistant	Paiyong
81	Raju Rai	Paiyong G.P.	9933062005	Sahayak	Paiyong
82	Deoraj Panchakoti	Paiyong G.P.	9832673989	Sahayak	Paiyong
83	Rajdeep Gurung	Paiyong G.P.	9733061476	Karmee	Paiyong
84	Karun Darnal	Paiyong G.P.	9641324706	Karmee	Paiyong
85	Binod Kumar Chamling	Paiyong G.P.	9932202529	Karmee	Paiyong
86	Gyanu Tamang	Upper Gairi Gaon	8972476365	Social worker	Paiyong
87	Dorjee Bhutia	Upper Gairi Gaon	9064463304	Social worker	Paiyong
88	Pema Gyachhe Bhutia	Upper Gairi Gaon-II Middle	9800600154	Social worker	Paiyong
89	Chandu Subba	Upper Gairi Gaon West	9800017288	Social worker	Paiyong
90	Hemu Thapa	Lower Gairi Gaon	8768013383	Teacher	Paiyong
91	Pramod Gazmer	Upper Pagang	9641004872	Social worker	Paiyong

92	Rakesh Rai	Upper Pagang	9635005510	Social worker	Paiyong
93	Rupen Rai	East Lower Pagang	8116168623	Social worker	Paiyong
94	Pranai Rai	West Lower Pagang	9064463694	Social worker	Paiyong
95	Gagan Gurung	West Lower Pagang	7585877682	Social worker	Paiyong
96	Arpan Lepcha	Bidhyang	9933164896	Social worker	Paiyong
97	Laxman Rai	Bidhyang	9832584234	Social worker	Paiyong
98	Kishan Sherpa	Lolay G.P.	8016482145	Sahayak	Lolay G.P.
99	Milan Rai	Lolay G.P.	9932744207	Karmee	Lolay G.P.
100	Rakesh Sharma	Doon	9547506508	Social worker	Lolay G.P.
101	Adip Khawas	Doon	7602067859	Social worker	Lolay G.P.
102	Teresa Rai	Takna	8918586185	Social worker	Lolay G.P.
103	Saran Rai	Upper Lolay	9635291647	Social worker	Lolay G.P.
104	Jason Rai	Upper Lolay	8972308604	Social worker	Lolay G.P.
105	Yogen Chettri	Lower Lolay	8116584701	Social worker	Lolay G.P.
106	Kharga V. Subba	Dalapchand G.P.	9800686795	Secretary	Dalapchand
107	Keepa Bhutia	Dalapchand G.P.	9749030227	Sahayak	Dalapchand
108	Bimal Sharma	Dalapchand G.P.	9832029758	Karmee	Dalapchand
109	Pranay Basnet	Upper Dalapchand	8670235664	Social worker	Dalapchand
110	Pranay Bhutia	Upper Dalapchand	9083005193	Social worker	Dalapchand

List of Quick response Team, PEDONG BLOCK					
Sl.No.	Name of the members of Quick Response Team(Disaster Management Group)	Address	Contact No.	Field of activity	Name of GP
1	Umesh Pariyar	Lingsey GP	8436608616	Executive Assistance	Lingsey GP
2	Robin Rai	Tagathang	9800445015	MGNREGS Supervisor	Lingsey GP
3	Raju Chettri	Tagathang	9647871753	MGNREGS Supervisor	Lingsey GP
4	Pradeep Chettri	Dabaipani	8145160677	Ex-Army	Lingsey GP
5	N.B Subba	Tagathang	9647871753	SHG	Lingsey GP

6	Tritha Poudyal	Dabaipani	9832304637	SHG	Lingsey GP
7	L.M Poudyal	Lingsey	7407337103	SHG	Lingsey GP
8	Arjun Subba	Dabaipani	7478471931	Asst. Teacher	Lingsey GP
9	Hom Nath Niroula	Lingsey	9832381404	Headmaster	Lingsey GP
10	Rohit Chettri	Lingseykha	9932371380	Executive Assistance	Lingsey GP
11	Augen Lepcha	Changay	9933772613	Social Worker	Lingseykha GP
12	Sebastin Lepcha	Changay	8436022209	Social Worker	Lingseykha GP
13	Ashok Rai	Dagyong Kolbong	7602282684	Social Worker	Lingseykha GP
14	Sajan Rai	Dagyong Kolbong	9679412052	Social Worker	Lingseykha GP
15	Prakash Chettri	Kagay	9800113113	Executive Assistance	Kagay GP
16	Pawan Gurung	Kagay	9733261365	Sahayak	Kagay GP
17	Ganesh Khatiwara	Gendong	8101180666	Social Worker	Kagay GP
18	Dasrath Sharma	Benda	8101374278	Social Worker	Kagay GP
19	Suren Rai	Duka	7872096920	Social Worker	Kagay GP
20	Ta Tshering Lepcha	Duka	9932471339	Social Worker	Kagay GP
21	Tikaram Chettri	Kagay Gerock	7602043617	Social Worker	Kagay GP
22	Netra Kr. Rai	Kagay Gerock	8436742030	Social Worker	Kagay GP
23	Rajen Rai	Rabek	9635765333	Social Worker	Kagay GP
24	Sukman Rai	Rabek	9564293409	Social Worker	Kagay GP
25	Rajkumar Sharma	Sakyong GP	9800113113	Executive Assistance	Sakyong GP
26	Deepak Sewa	Sakyong GP	9832447166	Sahayak	Sakyong GP
27	Ramesh Biswakarma	Dokyong I	9933772242	Social Worker	Sakyong GP
29	Bhusan Rai	Dokyong II	8972681334	Teacher	Sakyong GP
30	Sonam Tsh Bhutia	Lower Menchu	8001390751	Social Worker	Sakyong GP
31	Chopel Bhutia	Mul-Sakyong I	9563567899	Social Worker	Sakyong GP
32	Rinzee Bhutia	Mul-Sakyong	9635471153	Social Worker	Sakyong GP

		II			
33	Udai Rai	Tendrabong	9002732226	Social Worker	Sakyong GP
34	Alone Rai	Upper Menchu	9564144531	Social Worker	Sakyong GP
35	Umesh Rai	Kashyong GP	9733060780	Secretary	Kashyong GP
36	Andres Tamang	Samdong Busty	8158043897	Social Worker	Kashyong GP
37	Sonam Sherpa	12 no. Dhura	7872751004	Asst. Teacher	Kashyong GP
38	Kamal Chamling	Upper Kashyem	9593209103	Social Worker	Kashyong GP
39	Sajan Limbu	Lower Kashyem	7432910996	Social Worker	Kashyong GP
40	Phup Tsh Bhutia	Pedong GP	801600362	Job Assistant	Pedong GP
41	Bhakta Rai	L/ Newang Merong	8016105299	Social Worker	Pedong GP
42	Babita Rai	Upper Dalep	7431858251	VRP	Pedong GP
43	Chiden Bhutia	Upper Pedong	8116014168	VRP	Pedong GP
44	Pema lama	Upper Pedong	9002477970	VRP	Pedong GP
45	Bishal Subba	Upper Pedong	9735917700	MGNREGS Supervisor	Pedong GP
46	Kamal Pradhan	Pedong D.I.F	8906463637	GP Staff	Pedong GP
47	Anjana Khawas	Pedong D.I.F	9800738009	VRP	Pedong GP

### QRT Gorubathan

Sl. No	Name with Father's Name	Address	Mobile No.	Name of GP
1	Damber Rai	Ahalay II	7699975295	Ahalay
2	Ashis Rai S/O Birja Bdr. Rai	Burikhola F.V	9679868884	Ahalay
3	Indra Rai S/O Mangaldhoj Rai	Ahalay II	9475473079	Ahalay
4	Ajit Rai S/O Tul Bdr. Rai	Soureni F.V	7699096994	Ahalay
5	Kiran Kawar S/O Dasroo Kawar	Lower Fagu T.E Middle	8250044684/ 9641916189	Ahalay
6	Purna Pradhan S/O Lal Bdr. Pradhan	Lower Suruk	9434829168	Tode-Tangta

7	Lincon Rai S/O Mani Kumar Rai	Upper Suruk	97577261251	Tode-Tangta
8	Madan Tamang S/O Ratna Bdr. Tamang	Godak	97517972294	Tode-Tangta
9	Phurba Bhutia S/O Chingu Bhutia	Todey	97577290226	Tode-Tangta
10	Pritam Rai s/o Amrit Rai	Parentar-I	8768812311	Paten-Godak
11	Chadan Bdr. Mangar s/o Bishnu Mangar	Simsarey	8900513081	Paten-Godak
12	Dendup Sherpa s/o Lt. Nima Sherpa	Ratey Pani	947498389	Paten-Godak
13	Bidur Sharma s/o Nandalal Sharma	L/Gairigaon	9474687212	Paten-Godak
14	Suman Rai s/o Shankhamani Rai	Jholung Bazaar	9434879915	Paten-Godak
15	Ashok Chhetri S/O K.B Chhetri	Upper Manging	8436552783	Pokhrebong
16	Padam Rai, S/O Ganja Rai	Mal Busty	9932562347	Gorubathan-I
17	Alap Rai S/O Ganja Rai	Mal Busty	96790734590	Gorubathan-I
18	Suraj Pradhan S/O Garjan Man Pradhan	Mal Busty	8768827036	Gorubathan-I
19	Sanjeeb Chhetri S/O Hasta Bd. Chhetri	Sombaray Bazaar	7797169311	Gorubathan-I
20	Kamal Chhetri S/O K.B Chhetri	Samabeong	7548982955	Nim
21	Arjun Bhujel S/O Santa Kr. Bhujel	Kolbong	7872125498	Nim
22	Saroj Tamang S/O San Bd. Tamang	Munshi Line U/F	7602994031	Nim
23	Phurba Dorjee S/O Shekhar Tamang	U.F Godam Line	9933306175	Nim
24	Nar Bdr. Gurung S/O Lakh Man Gurung	Kopish F.V	9474435483	Kumai
25	Nita Topo S/O Mangra Topo	Adhibasi Line	8996865793	Kumai
26	Basant Bhujel S/O Chatraman Bhujel	Guduray Gaon	9474041167	Kumai
27	Prakash Thapa S/O Ram Bdr. Thapa	2 No.	9476136105	Kumai
28	Biren Thapa S/O Padam Bdr. Thapa	Lower Tinkatery	9932783391	Samsing
29	Kiran Bhujel S/O Jai Bdr. Bhujel	Upper Tinkatery	9475914108	Samsing

30	Supath Dewan S/O Subash Deewan	Bhalukhop	7602539360	Samsing
31	Sarita Gurung W/O Pradeep Gurung	Kuwapani	9679272428	Gorubathan-II
32	Navin Gurung S/O Krishna Bdr. Gurung	Kuwapani	9932895989	Gorubathan-II
33	Sonam Bhutia S/O Ugen Bhutia	Phaperkheti	9547704959	Gorubathan-II
34	Dawa Ongel Sherpa S/O Dawa Sherpa	Sherpagaon	9933873304	Gorubathan-II
35	Sajit Rai	L/Ambiok T.E	7076454011	Dalim
36	Roman Gurung	L/Ambiok T.E	7872817038	Dalim
37	Bishal Rai	Simsarey	9932589252	Dalim
38	Yawan Rai	Limbugaon	9002883753	Dalim
39	Anup Gurung	Maidan Gaon	9600053119	Rongo
40	Santosh Khawas	Line Gaon	8768890727	Rongo
41	Nima Dorjee Tamang	Bargolai	9593679167	Rongo
42	Binod Gurung	Pakhringolai	9735138975	Rongo
43	Biren Gurung	Upper Dhap	9197209914	Rongo
44	Pranay Rai	Lower Dhap	9475914375	Rongo
45	Santosh Tamang	Bhasmay/Naxal	9531750671	Rongo
46	Naran Biswa	Mini Gaon	9475396903	Rongo
47	Dhan Bdr. Subba	Dalgaon	8900512273	Rongo
48	Anut Tamang	CFC	8768890492	Rongo



## Annexure VIII

### LIST OF FLOOD SHELTERS/ RELIEF GODOWNS UNDER KALIMPONG DISTRICT :

Name of the Block	Flood Shelters	Godowns	Year of Construction	Coordinates
Dist. HQ	Nil	1	2022	DM office premises Lat : 27.0637 Long: 88.4669
Kalimpong I	Nil	1	2000	Office premises Lat : 27.0649 Long: 88.4699
Lava	Nil	1	2000	Office premises Lat : 27.1173 Long: 88.5860
Pedong	Nil	Nil	Nil	Nil
Gorubathan	Nil	1	2013	Office premises Lat : 26.9557 Long: 88.6979

## ANNEXURE IX

### 1. Plan of Mock Drill and Training with financial estimate :

Sl. No.	Name of Mock Drill	Date	Place	Participants	Amount
1	Awareness Generation	12.05.22. 17.05.22,	Tashiding GP & Nimbong GP, Kpg-I Block	All line depts., Civil Defence, Block Office, GP staff, SHG, ICDS, N GOs, Students, local volunteers	Rs.32,000/-
2	FAMEX Awareness Generation programme	01.06.22 & 11.06.22	All Blocks	Civil Defence, GP staff, SHG, ICDS, N GOs, local volunteers	Rs.1,10,000/-
3	Disaster Awareness & mock drill	25.05.22	Lava GP	Civil Defence, GP staff, SHG, ICDS, N GOs, local volunteers	Rs.10,000/-
4	Disaster Awareness & mock drill	26.05.22	Gitdabbling	Civil Defence, GP staff, SHG, ICDS, N GOs, local volunteers	Rs.10,000/-
5	Disaster Awareness , Basic search & rescue	30.05.22	Santook	Civil Defence, GP staff, SHG, ICDS, N GOs, local volunteers	Rs.10,000/-
6	Disaster Awareness , Basic search & rescue	23.05.22	Sakyong & Kagay	Civil Defence, GP staff, SHG, ICDS, N GOs, local volunteers	Rs.10,000/-
7	Disaster Awareness , Basic search & rescue	24.05.22	Kashyone	Civil Defence, GP staff, SHG, ICDS, N GOs, local volunteers	Rs.10,000/-
8	Disaster Awareness , Basic search & rescue	28.05.22	Lingsay & Lingsekha		Rs.10,000/-
9	Mock Exercise on landslide & earthquake	Oct.2022	Kalimpong	All line depts., Civil Defence, Block Office, GP staff, SHG, ICDS, N GOs, Students, local volunteers	Rs.1,50,000/-
				<b>Total -</b>	<b>Rs.3,52,000/-</b>

## 2. Requisition for machinery/equipments in 2022 :

<b>Sl no.</b>	<b>Name of Item</b>	<b>Quantity</b>	<b>Remark</b>
01	Civil Defence Medium sized vehicle (4x4)	01 no.	
02.	Portable Inflatable Tower Light (Aska)	04 nos.	
03.	Alumunium ladder (20 ft)	04 nos.	
04.	Chain Saw (Slab cutter) (16")	04 nos.	
05.	Hydraulic cutter cum spreader	04 nos.	
06.	Jack with 5 ton lift capacity	01 no.	

## **ANNEXURE X**

(Vide memo No : 109-PSDM&CD/2020 dated : 21.04.2020)

### **SOP for accommodation of people in Relief Camps/ Shelters during Storm/ Kalbaisakhi/ Flood/ Cyclone and Guideline for Heat Wave Mitigation during the COVID-19**

- 1 . Arrangement of hand sanitizer/ soap, mask and infrared thermometer should be made for the relief camp/ shelter.
2. Proper sanitization of gate/ door, door handle & lock, toilets, water taps, switches, staircase, kitchen of the building has to be done every day to maintain good health of the people staying in the shelter.
3. The floor plan of relief shelters has to be done in such a way so as to maintain social distancing. The accessibility route to the nearby health centre has to be pre-planned and mapped before setting up the camp. Also arrangements for immediate shifting of the sick people to the health centre should be in place.
4. Arrangement of nutritious food and safe drinking water has to be made for the people staying in the camps. Hygiene has to be maintained during preparation of food. While serving the food social distancing norms should be maintained.
5. The Rescue teams/ evacuation teams may have also to be equipped with Sanitizer / masks and PPE. Hence arrangements for same may have to be made at district levels.
6. Since minimum one meter social distancing is required for every person housed in relief camps, the number of relief camps may have to be increased to maintain the social distance norms during any natural calamity.
7. The modified Dos and Don'ts for heat wave situation during COVID-19 as received from NDMA are attached herewith.

Remarks : In addition to the existing Relief shelters the following building may be used as Relief shelters as and when required due to COVID-19.

1. Kalimpong Polytechnical College.
2. Kalimpong Government College.
3. Pedong Degree College.
4. Gorubathan I.T.I. College, necessary Face Masks, Sanitizers, PPEs, Gloves, etc will be arranged in relief shelters as and when required.

## **Heat Wave : DO's and DON'Ts (During Covid-19)**

### **Must for All**

#### **Do's**

- Stay at home and listen to radio; watch TV; read Newspaper for updates/ advisories on the local weather and COVID-19 situation.
- Drink sufficient water, as often as possible, even if not thirsty. Persons with epilepsy or heart, kidney or liver disease who are on fluid-restricted diets; or have a problem with fluid retention should consult a doctor before increasing liquid intake.
- Use ORS (Oral Rehydration Solution), homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.
- Wear lightweight, liquid coloured, loose, cotton clothes.
- Avoid going out. If it is necessary to go outside , cover your head (cloth/hat or umbrella) and face. Avoid touching any surface, as far as possible.
- Maintain physical distancing at least 1 meter from other persons.
- Wash hands frequently and properly with soap and water. When soap and water is not available, use hand sanitizer.
- Keep separate towels for each member of the house. Wash these towels regularly.

#### **Other Precautions**

- Stay indoors as much as possible.
- Keep your home cool – use curtains, shutters or sunshade, and open windows at night. Try to remain on the lower floors.
- Use fans, damp clothing and take a bath in cold water frequently to cope up with excess heat.
- If you feel sick – high fever/ throbbing headache/ dizziness/nausea or disorientation/continuous coughing/shortness of breathe, see a doctor immediately.
- Keep animals in shade and give them plenty of water to drink.

#### **DON'Ts**

- Do not go out during the lockdown. If you have to go out for essential work as permitted, try to schedule it during cooler hours of the day. Avoid going out during peak heat hours – especially between 12.00 noon and 3.00 p.m.
- Do not go out barefoot or without a face and head cover.
- Avoid cooking during peak hours. Open doors and windows to ventilate cooking area adequately.
- Avoid alcohol, tea coffee and carbonated soft drinks, which dehydrate the body.
- Avoid high-protein, spicy and oily food. Do not eat stale food.
- Don't touch your eyes, nose and mouth without washing your hands.
- Avoid close contact with people who are sick.
- Do not go out if you are sick; stay at home.

## Employers and Workers

### **Do's**

- Provide clean and cool drinking water at the workplace.
- Caution workers to avoid direct sunlight. If they have to work in the open (agricultural labourers, MNREGS workers, etc.), ensure that they cover their heads and face at all times.
- Schedule strenuous jobs to cooler times of the day.
- Increase the frequency and length of rest breaks for outdoor activities.
- Give special attention to pregnant workers or workers with a medical condition.
- Make all the workers wear face covers, maintain physical distance of 1-1.5 m distance between two persons.
- Sanitation workers should cover their heads, wear mask and gloves. Don't touch the mask after wearing it. They should wash their hands thoroughly and frequently.
- Once you go home after work, take a bath and wash your used clothes thoroughly.
- Always follow social Distancing.
- If someone is sick, he/she must be reported to the duty supervisor.

### **Don'ts**

- Don't spit, smoke or chew tobacco at workplace.
- Don't shake hands or hug others.
- Don't touch your face- especially eyes, nose and mouth.
- Avoid close contact with people who are sick.
- Don't go to work if you are sick; stay at home.

## Police / Traffic Police Personnel

- Wear cool jacket while on duty during the day.
- Stop people/vehicles at a distance from you. Do not touch the documents you are checking. Also avoid touching any surface, as far as possible.
- As far as possible wash your hand regularly and thoroughly. If soap and water are not readily available, use hand sanitizer. DO NOT touch your face with unwashed hands.
- Wear face mask at all time. Change them periodically and dispose of the used mask safely.
- Drink sufficient water, as often as possible, even if not thirsty.
- Use protective gear-shade, sunglasses, and sunscreen.
- As far as possible, relatively young personnel should be put on traffic duty during the day.
- When you go home after work, take a bath and wash your used clothes thoroughly.

### Senior Citizens

- Stay indoor as such as possible. Don't go to crowded places like parks, markets and religious places.
- Keep your home cool, use curtains and fans or cooler.
- Maintain hygiene by regularly washing hands, especially before having meals.
- Call a doctor immediately if you feel sick and experience any of the following :
  - High body temperature, with or without body ache
  - Throbbing headache, dizziness, nausea or disorientation
  - Coughing and/or shortness of breath
  - Unusually poor appetite
- If you are looking after a senior citizen :
  - Help her/him in regularly washing hands.
  - Ensure timely meals and water intake.
  - Use a face cover to cover your nose and mouth while attending on him/her.
  - Wash your hands thoroughly before touching him/her.
  - In case you are suffering from fever/ cough/ breathing difficulty, don't go near her/him. Try to make someone else attend to him/her during that time.

### **Landslide**

<b>BEFORE</b>	<b>DURING</b>	<b>AFTER</b>
Grow more trees that can hold the soil together.	If unable to escape outside take cover under a desk, table or other piece of sturdy furniture.	Stay away from slide area. There may be danger of additional slides.
Listen to Radio/ Watch TV and Newspaper for any alerts of heavy rain.	If outdoors try to get out of the path of the landslide or mud flow.	Do NOT Touch/ Walk over loose material and electrical Wires or poles;
Keep drains clean.	Run to the nearest high ground in a direction away from the path of landslide.	Check for injured and Trapped person.
Watch out for any warning signs such as subsidence of building, cracks on rocks, muddy river water;	If rocks and other debris are approaching, run for the nearest shelter such as a group of trees or a building.	DO NOT move an injured person without rendering first aid unless he/she is in immediate danger;
DO NOT Construct near steep slopes and near drainage path.	Inform nearest GP/Block/ District HQ / GP / Block.	DO NOT drink contaminated water directly from rivers, springs, wells etc.

## Earthquake

Before	During	After
Consult a structural engineer to make your house earthquake resistant;	Stay calm and DO Not panic;	Avoid entering damaged buildings;
Hang heavy items such as pictures and mirrors away from beds, sofas and anywhere that people sit.	If inside a building, DROP under a table; COVER your head with one hand and HOLD the table till the tremors last; Stay away from glass windows, false ceiling, outside doors and walls and anything that could fall.	If trapped in rubble: -Do not light a matchstick; -Cover your mouth with a cloth; -Tap on a pipe or wall; -Sound a whistle; -Shout only as a last resort because it requires more energy.
Fasten shelves securely to walls; place heavy / large objects on lower shelves;	Run outside as soon as the tremors stop- DO NOT use lift;	Use stairs and Not lifts or elevators.
Have an emergency kit ready;	When outside move away from buildings, trees, walls and poles;	
Develop an emergency communication plan for family;	When inside a vehicle – pull over in an open place; avoid bridges and flyovers.	
Learn the technique of 'Drop- Cover – Hold'.		

## Lightning

Do's	Don'ts
Stay indoors and avoid travel if possible.	Don't take shelter under a tree. Keep a safe distance of at least 13 ft. from trees.
Ensure children and animals are inside.	Don't wash dishes or take a bath or shower.
Unplug unnecessary electrical appliances & gadgets from the plug points.	Avoid using corded phones and other electrical equipments.
Stay away from water bodies.	Don't stay in a group, spread out.
If outdoors do crouch low to the ground with as little of your body touching the ground as possible (You do not want to be the tallest object in the area).	Don't lie on the ground to avoid lightning that will make a bigger target.
Rubber-soled shoes and car tires do not offer protection from lightning.	



## **Corona Virus**

Do not be panicked due to Corona Virus and do not spread rumour. The Government of West Bengal is prepared to fight the Corona Virus.

The result of the infection by this virus is flu-like symptoms, e.g. 1)Fever, 2)Cough, 3)Shortness of breath.

Follow these Do's and Don'ts to protect yourself and others!

### **DO'S**

- Wash hands with soap and water frequently.
- Use alcohol based hand sanitizer.
- Cover your nose and mouth with handkerchief/tissue while sneezing and coughing
- Maintain social distancing, use face mask to cover mouth and nose.
- See a doctor if you feel unwell (fever, difficult breathing and cough). While visiting doctor wear a mask/cloth to cover your mouth and nose

### **DON'TS**

- Do not spit, sneeze or cough in public place.
- Do not touch your eyes, nose and mouth.
- Do not have a close contact with anyone, if you're experiencing cough and fever.

### **Home Emergency Kit**

- Battery operated torch
- Extra batteries
- Battery operated radio
- First aid kit and manual
- Emergency food (dry items) and water (packed and sealed)
- Candles and matches in a waterproof container
- Knife
- Chlorine tablets or powdered water purifiers
- Can opener.
- Essential medicines
- Cash, Aadhar Card and Ration Card
- Thick ropes and cords
- Sturdy shoes

## ANNEXURE XI

(Vide memo No : 11(22)-DMCD/2020 dated : 05.01.2021)

**Rescue and Rehabilitation of Children in the event of Disaster  
D CPU, Kalimpong / DPO, Kalimpong**

**1. Introduction :** Disaster can take place any time , which always brings the destruction and devastation which impacts the long term effects on mankind. Therefore to combat the situation during the disaster, Disaster Management Plan is very important. Kalimpong is situated in the multi hazard zone which faces different types of disaster time to time. And all 6 children home are situated near the main town of Kalimpong. Thus a sophisticated Disaster Management for all the children homes is very essential.

**2. Importance of Disaster Management Plan –**

It has been noted that children are the most adversely affected by natural hazards, suffering both physical and mental trauma. Various studies have shown increase of fear, lack of self confidence an overall reduction in learning outcomes and lower academic performance after every disaster. Further, collapse or severe damage to infrastructure such as individual homes, Children homes or school buildings during a disaster disrupts a child’s mental, physical or psychological condition. Therefore, to combat during the disaster with safety measures and to overcome the post disaster situation a children home must have a well planned, Disaster Management Plan.

**3. List of Homes**

Sl No.	Name of Homes /ICDS	Location	No. Of Child (Male)	No. Of Child (Female)	Name of Care Taker/AWW	Contact No.	Nearest Rescue Centre
1.	Children Home for Boys,Bal suraksha Abhiyan Trust	6 <sup>th</sup> mile,Old Gandi Ashram, Kalimpong	45	N/A	1.Sister,Clare t Lepcha 2.Sister,Subeshna Thapa	9800020611 9932874884	Gandhi Ashram School, 6 <sup>th</sup> mile, Kalimpong
2.	Children Home for Girls,Bal suraksha Abhiyan Trust	8 <sup>th</sup> mile,Tibet House, Kalimpong	N/A	59	1.Sister,Rose marry Tamang 2.Sister Subeshna Thapa	7363836881 9932874884	R.C St Joseph Convent, 8 <sup>th</sup> mile, Kalimpong
3.	Children Home for Girls,Hope Family Trust	Primtam Road, Kalimpong	N/A	23	Mr.Kiran Chettri	9832027328	Mt. Carmel School, East main road, Kalimpong
4.	Children Home for Girls,Apostoli	East Main Road,20 No Jhora,	N/A	48	Mr.N.K GURUNG	9002100345	St. Stephen School, East main road,

	c Convent	Kalimpong					Kalimpong
5.	Children Home for Boys, Apostolic Convent	East Main Road, 20 No Jhora, Kalimpong	78	N/A	Mr.N.K GURUNG	9002100345	St. Stephen School, East main road, Kalimpong
6.	Children Home for Boys, Hosanna Covenant	Adhikari Gaon, Lower Bong busty, Kalimpong	24	N/A	Mr.Jyoti shrestha	7864908144	Ganesh HS, Lower Bong Busty, Kalimpong

#### 4. List of vulnerable ICDS -

Sl No.	Name of Homes /ICDS	Location	No. Of Child (Male)	No. Of Child (Female)	Name of Care Taker/AWW	Contact No.	Nearest Rescue Centre
1.	Children Home for Boys, Bal suraksha Abhiyan Trust	6 <sup>th</sup> mile, Old Gandhi Ashram, Kalimpong	45	N/A	1.Sister, Claret Lepcha 2.Sister, Subeshna Thapa	9800020611 9932874884	Gandhi Ashram School, 6 <sup>th</sup> mile, Kalimpong
2.	Children Home for Girls, Bal suraksha Abhiyan Trust	8 <sup>th</sup> mile, Tibet House, Kalimpong	N/A	59	1.Sister, Rosemarry Tamang 2.Sister Subeshna Thapa	7363836881 9932874884	R.C St Joseph Convent, 8 <sup>th</sup> mile, Kalimpong
3.	Children Home for Girls, Hope Family Trust	Primtam Road, Kalimpong	N/A	23	Mr.Kiran Chettri	9832027328	Mt. Carmel School, East main road, Kalimpong
4.	Children Home for Girls, Apostolic Convent	East Main Road, 20 No Jhora, Kalimpong	N/A	48	Mr.N.K GURUNG	9002100345	St. Stephen School, East main road, Kalimpong
5.	Children Home for Boys, Apostolic Convent	East Main Road, 20 No Jhora, Kalimpong	78	N/A	Mr.N.K GURUNG	9002100345	St. Stephen School, East main road, Kalimpong
6.	Children Home for Boys, Hosanna Covenant	Adhikari Gaon, Lower Bong busty, Kalimpong	24	N/A	Mr.Jyoti shrestha	7864908144	Ganesh HS, Lower Bong Busty, Kalimpong

**5. Condition of Building:** children Home for Boys, Apostolic Convent ,East Main road,20 No Jhora, seems to be an old structure. Remaining other Homes, the building condition is good.

S l N o.	Name of Homes /ICDS	Location	No. Of Child (Male)	No. Of Child (Female)	Name of Care Taker/AWW	Contact No.	Nearest Rescue Centre
1.	Children Home for Boys,Bal suraksha Abhiyan Trust	6 <sup>th</sup> mile,Old Gandi Ashram, Kalimpong	45	N/A	1.Sister,Claret Lepcha 2.Sister,Subeshna Thapa	9800020611 9932874884	Gandhi Ashram School, 6 <sup>th</sup> mile, Kalimpong
2.	Children Home for Girls,Bal suraksha Abhiyan Trust	8 <sup>th</sup> mile,Tibet House, Kalimpong	N/A	59	1.Sister,Rosemary Tamang 2.Sister Subeshna Thapa	7363836881 9932874884	R.C St Joseph Convent, 8 <sup>th</sup> mile, Kalimpong
3.	Children Home for Girls,Hope Family Trust	Primtam Road, Kalimpong	N/A	23	Mr.Kiran Chettri	9832027328	Mt. Carmel School, East main road, Kalimpong
4.	Children Home for Girls,Apostolic Convent	East Main Road,20 No Jhora, Kalimpong	N/A	48	Mr.N.K GURUNG	9002100345	St. Stephen School, East main road, Kalimpong
5.	Children Home for Boys,Apostolic Convent	East Main Road,20 No Jhora, Kalimpong	78	N/A	Mr.N.K GURUNG	9002100345	St. Stephen School, East main road, Kalimpong
6.	Children Home for Boys,Hosanna Covenant	Adhikari Gaon,Lower Bong busty, Kalimpong	24	N/A	Mr.Jyoti shrestha	7864908144	Ganesh High School, Lower Bong Busty, Kalimpong

**6. Important Ph no. (DPO/DSWO/CDPO/DCPO/Others)**

DSWO:9800322699, DCPO: 7001580769

## ANNEXURE XII

Safeguard of 'Persons with Disabilities' during manmade and natural disasters vis-à-vis Rights of Persons with disabilities Act 2016 (vide memo no.1025(15)DMCD-11014(99), dt.11.05.2022)

Name of Municipality/ Block	Population of PwD					Name of Nodal Officer for providing assistance to PwDs in coordination with Disaster Management Officers
	Male	Female	Children (Male)	Children (Female)	Total	
Kalimpong Municipality	137	118	17	11	283	Smt.Dichen Nima, DSWO, Kalimpong, 9800322699
Kalimpong-I Block	223	166	23	12	424	Smt.Pedan Bhutia, BWO, 7908589741
Lava Block	199	120	20	12	351	Sri Manoj Subba, BWO-in- Charge, 7908824437
Pedong Block	153	116	11	05	285	Sri Siddarth Lama, BDMO, 7364999870
Gorubathan Block	251	151	19	17	438	Smt.Pema Lhamu Bhutia, BWO, 7908944530
<b>Total =</b>	<b>963</b>	<b>671</b>	<b>90</b>	<b>57</b>	<b>1781</b>	

## ANNEXURE XIII

### **Coherence and Mutual Reinforcement of Three Post -2015 Global Frameworks for DRR** (vide memo no.2828(23)DMCD, dt.07.12.2022)

The year 2015 was marked by 3 landmark global agreements: –

- i) The Sendai Framework for Disaster Risk Reduction (Sendai, Japan, March 2015) focuses more on Disaster Risk Reduction rather than Disaster Reduction. (4 Priorities & 7 goals)
- ii) Sustainable Development Goals (UN General Assembly, New York, September 2015) aims at eradicating poverty across the globe through integration of the economic, social and environmental dimensions of sustainable development. (17 goals)
- iii) Climate Change Agreement (Conference of Paris, COP21, Paris, December 2015) aims at arresting the increase in global temperature below 2° C above pre industrial level and try to limit global warming to 1.5° C above pre industrial level.

**Sendai Framework – Aim** - “substantial reduction of disaster risk and losses in lives, livelihoods, and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries” by 2030. The four priorities for action under the Sendai Framework are:

1. Understanding disaster risk
2. Strengthening disaster risk governance to manage disaster risk
3. Investing in disaster risk reduction for resilience
4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction.

**Aims to achieve the Goal** by Preventing the creation of new risks, reducing the existing ones, and strengthening overall disaster resilience.

#### **7 Global Targets to achieve by 2030**

<b>Reduce</b>	<b>Increase</b>
1.Mortality/ global population 2020-2030 Average << 2005-2015 Average	5. Countries with national & local DRR strategies 2020 Value >> 2015 Value
2.Affected people/global population 2020-2030 Average << 2005-2015 Average	6. International cooperation to developing countries 2030 Value >> 2015 Value
3.Economic loss/ 2030 Value >> 2015 Value global GDP 2030 Ratio << 2015 Ratio	7. Availability and access to multi- hazard early warning systems & disaster risk information and assessments 2030 Values >> 2015 Values
4.Damage to critical infrastructure & disruption of basic services 2030 Values << 2015 Values	

## **Sustainable Development Goals (SDG) and Disaster Resilience : 17 Goals of SDG**

SDGs, consisting of 17 Global Goals and 169 targets, are a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity. Climate change adaptation, fighting economic inequality, innovation, sustainable consumption, peace and justice are aimed to be achieved through the following goals:

Goal 1: No poverty

Goal 2: Zero Hunger

Goal 3 : Good health and well-being

Goal 4 : Quality education

Goal 5 : Gender Equality

Goal 6 :Clean water and sanitation

Goal 7: Affordable and clean energy

Goal 8:Decent work and economic growth

Goal 9: Industry, innovation and infrastructure

Goal 10: Reduced inequalities

Goal 11:Sustainable cities and communities

Goal 12: Responsible consumption and production

Goal 13: Climate action

Goal 14 :Life Below Water

Goal 15 :Life on land

Goal 16:Peace, justice and strong institutions

Goal 17:Partnerships for the goals

### **Climate Change Agreement (COP21)**

The Agreement sets long-term goals to guide all nations:

- substantially reduce global greenhouse gas emissions to limit the global temperature increase in this century to 2 degrees Celsius while pursuing efforts to limit the increase even further to 1.5 degrees;
- review countries' commitments every five years;
- provide financing to developing countries to mitigate climate change, strengthen resilience and enhance abilities to adapt to climate impacts.

## Responsibility Framework- Social Inclusion

The Disaster Management Act 2005 specifically mentions in Chapter 11, Section 61 that ‘there shall be no discrimination on the ground of sex, caste, community, descent or religion’ in matter related to Disaster Risk Reduction, relief and compensation.

### Agencies with responsibilities during all types of hazards and disasters:

Sl.No	Sub-Thematic Area for DRR	Centre(Lead Agencies)	Responsibility - Centre	State (Lead Agencies)	Responsibility - State	District (Lead Agencies)
1	<b>Gender</b>	<p><b>Lead Agencies:</b> MSJE and MWCD</p> <p><b>Agencies with major roles:</b> MHA, NDMA, NIDM, MHFW</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DRR directly or</i></p>	<ul style="list-style-type: none"> <li>Guidance and support for gender sensitive DRR approaches</li> <li>Studies and research</li> <li>Support for review and changes in existing regulations, norms and directives<sup>52</sup></li> <li>Promote insurance/ risk transfer; encourage gender sensitive products/campaigns from insurance providers</li> <li>Guidelines, IEC, mass media campaigns</li> <li>Capacity development guidelines</li> <li>Inclusion of gender concerns of DRR in curriculum development</li> </ul>	<p><b>Lead Agencies:</b> DSJE, DWCD</p> <p><b>Agencies with major roles:</b> SDMA, DMD\$</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DRR directly or indirectly</i></p>	<ul style="list-style-type: none"> <li>Ensure that special efforts are made to make DR R gender inclusive and to ensure participation of women</li> <li>Ensure that there are no discriminatory practices that marginalise sexual and gender minorities at any stage of DRR,</li> <li>Recognise the additional vulnerabilities of sexual and gender minorities such as transgenders</li> <li>HRVCA - Risk Assessment to take care of women and transgender vulnerabilities</li> <li>Use of Information and Data Management to support gender sensitive approach - DDMA and SDMA</li> <li>Convergence of concerned departments to ensure gender sensitive DRR</li> <li>Shelters/ Temp Shelters/ Relief Camps – provision for specific needs</li> <li>Enabling Environment</li> <li>Review and changes in existing</li> </ul>	<p><b>Lead Agencies:</b> DSW</p> <p><b>Agencies with major roles:</b> DMS</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DRR directly or indirectly</i></p>



		<i>indirectly</i>			regulations, norms and directives to make them gender sensitive	
2	<b>Scheduled Castes ( SC) &amp; Tribes ( ST)</b>	<p><b>Lead Agencies:</b> MSJE,MTRA</p> <p><b>Agencies with major roles:</b> MHA,NDMA, NIDM, MORD, MHUA, MHRD, MOEF</p> <p><i>All Agencies Associated with DR R directly or indirect ly</i></p>	<ul style="list-style-type: none"> <li>• Guidance and support</li> <li>• Promote studies and research on DRR challenges for SC communities</li> <li>• Promote studies and research on disaster response and mitigation strategies appropriate and acceptable to the tribal communities</li> <li>• Review and amendment of existing regulations, norms and directives to make them consistent with needs of DRR</li> <li>• Promote insurance/ risk transfer</li> <li>• Guidelines, IEC, mass media campaigns</li> <li>• Capacity development guidelines</li> <li>• Inclusion of the concerns of SC/ST about DRR in curriculum development</li> </ul> <p><i>Associated with</i></p>	<p><b>Lead Agencies:</b> DSJE, DTWD</p> <p><b>Agencies with major roles:</b> SDMA, DMD\$</p> <p><i>All Agencies Associated with DR R directly or indirect ly</i></p>	<ul style="list-style-type: none"> <li>• H RVCA – Risk Assessment to specifically include SC/ST vulnerabilities (locational, existing discriminatory practices, is any, creating hindrances in DRR, access to information, access to risk reduction resources)</li> <li>• Protecting the tribal identity, traditions and customs in post-disaster situations in different phases of DRR</li> <li>• Ensure steps taken for DRR do not cause irreversible damage to the community’s culture, tradition, habitat and ecosystem</li> <li>• Use of Information and Data Management to support relevant issues - DDMA and SDMA</li> <li>• Convergence between concerned departments in schemes meant for SC/ST for DRR</li> <li>• Shelters/ Temp Shelters/ Relief Camps – non discriminatory</li> <li>• Ensuring enabling environment for participation</li> <li>• Review and amendment of existing regulations,norms and directives to address requirements of implementing DRR in SC/ST settlements (e.g.retrofitting, social housing, hazard resistant construction)</li> </ul>	<p><b>Lead Agencies:</b> BCWD,DSW</p> <p><b>Agencies with major roles:</b> DMS</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DR R directly or indirect ly</i></p>

			<i>DRR directly or indirectly</i>		<ul style="list-style-type: none"> <li>• Training, Awareness, Mock drills, Vocational Training / Skill development</li> <li>• Empowering, especially leadership in DRR</li> <li>• Curriculum development with focus on issues of SC/ST communities</li> <li>• Specific knowledge products</li> <li>• Promoting insurance products/ campaigns</li> <li>• Include non-discriminatory implementation of DRR in Social audit</li> </ul>	
3	<b>Children</b>	<p><b>Lead Agencies:</b> MWCD, MHRD, MOLJ, NCPC R</p> <p><b>Supporting Agencies:</b> <i>All Agencies</i> <i>Associated with</i> <i>DR R directly or indirectly</i></p>	<ul style="list-style-type: none"> <li>• Guidance and support for various DRR initiatives for children</li> <li>• Review regulatory and institutional needs for the protection and safety of children</li> <li>• Supervision and monitoring of DRR initiatives for children – pre-school, school-going and children not in school</li> <li>• Support for implementing measures for proper protection and care of disaster affected children</li> <li>• Mobilizing support to</li> </ul>	<p><b>Lead Agencies:</b> DWCD, EDD, SCPS</p> <p><b>Agencies with major roles:</b> SDMA, DMD\$, HD</p> <p><b>Supporting Agencies:</b> <i>All Agencies</i> <i>Associated with</i> <i>DRR directly or indirectly</i></p>	<ul style="list-style-type: none"> <li>• Make special arrangements for disaster preparedness and safety of various children’s institutions<sup>53</sup></li> <li>• Regulatory measures for ensuring school safety and disaster preparedness in schools</li> <li>• Regular mock drills and other preparedness measures in all schools and children’s institutions</li> <li>• Pay special attention to children’s institutions after early warning and post-disaster</li> <li>• Ensure that in post disaster situations children do not face isolation, anxiety, trauma, separated from their families or parent(s)</li> <li>• Take adequate measures to prevent and stop child abuse and maintain strict vigil against child trafficking</li> <li>• Take measures to prevent and stop child</li> </ul>	<p><b>Lead Agencies:</b> DSW,DCPU, ICDS</p> <p><b>Agencies with major roles:</b> DMS</p> <p><b>Supporting Agencies:</b> <i>All Agencies</i> <i>Associated with</i> <i>DRR directly or indirectly</i></p>

			<p>disaster-affected children from national and international agencies working for children's welfare</p> <ul style="list-style-type: none"> <li>• Guidance and support from NCPDR for care and protection of children immediately after a disaster and during PDR</li> </ul>		<p>labour in post disaster situation</p> <ul style="list-style-type: none"> <li>• Sensitize all agencies and key personnel associated with protection of child rights and safety, including those connected with juvenile justice such as police, CWC, JJB, CARA and DCPU</li> <li>• Promote community-based care and protection of the affected children.</li> <li>• SCPS should initiate steps to monitor post-disaster threats to children and take counter measures along with the nodal agency at the state/UT for child rights and protection</li> </ul>	
4	<b>Elderly</b>	<p><b>Lead Agencies :</b> MHFW, MSJE</p> <p><b>Agencies with major roles:</b> MHA, NDMA, NIDM</p> <p><b>Supporting Agencies :</b> <i>All Agencies Associated with DR R directly</i></p>	<ul style="list-style-type: none"> <li>• Guidance and support to address DRR needs of the elderly</li> <li>• Promoting awareness of the challenges faced by the elderly in disasters</li> <li>• Promoting agencies and organisations working for the welfare of the elderly to develop expertise for supporting DRR efforts for the elderly</li> <li>• Mobilizing support to the elderly in disaster-affected areas from national and</li> </ul>	<p><b>Lead Agencies:</b> HFWD, DSJE</p> <p><b>Agencies with major roles:</b> SDMA, DMD\$</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DRR directly or indirectly</i></p>	<ul style="list-style-type: none"> <li>• Sensitizing local communities about additional vulnerabilities of the elderly persons in the communities and promote neighbourhood groups or responsible individuals to assist the elderly</li> <li>• Make special arrangements for disaster preparedness and safety of various institutions for the elderly such as old age homes, retirement homes and shelter homes for the elderly</li> <li>• Linking organisations working for the welfare of elderly with community initiatives for DRR</li> <li>• Preparing lists of all the elderly persons living without adequate support, periodically reviewing their situation and check the status of social network (neighbours, relatives, friends) and other</li> </ul>	<p><b>Lead Agencies:</b> DSW, HFWD</p> <p><b>Agencies with major roles:</b> DMS</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DRR directly or indirectly</i></p>

		<i>or indirectly</i>	international agencies working for the wellbeing of the elderly		<p>arrangements for their support</p> <ul style="list-style-type: none"> <li>• In the risk season or after early warnings, take measures to ensure that the elderly is informed and prepared</li> <li>• Involve elderly in disaster preparedness and planning to the extent they can contribute</li> <li>• Assess medical and health support needs of the elderly in each area and maintain stocks of crucial items</li> <li>• Special attention to the protection of property and assets of the elderly after evacuation or post disaster situations</li> </ul>	
5	<b>Persons With Disabilities (PWD)</b>	<p><b>Lead Agencies:</b> MHFW, MSJE</p> <p><b>Agencies with major roles:</b> MHA, NDMA, NIDM</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DRR directly</i></p>	<ul style="list-style-type: none"> <li>• Guidance and support to address DRR needs of PWDs a per global best practices</li> <li>• Promoting awareness of the DRR challenges for PWDs</li> <li>• Promoting agencies and organisations working for the welfare of PWDs to develop expertise in DRR</li> <li>• Mobilizing support to the PWDs in disaster-affected areas from national and international agencies working for the wellbeing of</li> </ul>	<p><b>Lead Agencies:</b> DSJE</p> <p><b>Agencies with major roles:</b> SDMA, DMD, HFWD</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DRR directly or indirectly</i></p>	<ul style="list-style-type: none"> <li>• Sensitizing local communities about the PWD living in the community and their special needs particularly during disasters</li> <li>• Promote neighbourhood groups assist PWD or ensure a Personal Support Network consisting of at least three persons who are trusted for each PWD</li> <li>• Make special arrangements for disaster preparedness and safety of various institutions for the PWD such as school for the blind, hostels for PWD and any facilities dedicated to PWD</li> <li>• Linking organisations working for the welfare of PWD with community initiatives for DRR</li> <li>• Preparing lists of all PWD, periodically reviewing their situation and check the status of social network (neighbours,</li> </ul>	<p><b>Lead Agencies:</b> DSW, HFWD</p> <p><b>Agencies with major roles:</b> DMS</p> <p><b>Supporting Agencies:</b> <i>All Agencies Associated with DRR directly or indirectly</i></p>

		<i>or indirectly</i>	<p>the PWDs</p> <ul style="list-style-type: none"> <li>• Encourage technological support and innovations for the benefit of the PWDs in DRR</li> </ul>		<p>relatives, friends) and other arrangements for their support</p> <ul style="list-style-type: none"> <li>• In anticipation of a hazard or after early warnings, take measures to ensure that all PWDs are properly informed and prepared</li> <li>• Involve PWDs in disaster preparedness and planning as equal participants</li> <li>• Special attention to the protection of property and assets of the PWDs after evacuation or post disaster situations</li> </ul>	
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<sup>52</sup> Refers to prevailing rules and norms with respect to ownership, tenancy rights, tenurial rights and any other rules/ norms that are relevant to ensure inclusive DRM

<sup>53</sup> This includes all private and public institutions dedicated for children –foster care centers, kindergartens, pre -schools, facilities for care of children with special needs, orphanages, children's homes, shelter homes, etc. and all institutions designated for the care and protection of children under Juvenile justice system .

(\* ) Applicable only to cases where shelters are relevant . (\$) DMD—Disaster Management Department:

Source : NDMA

## Photo Gallery



Pre monsoon preparedness meeting 2023 with all line depts.



Distribution of DM kit & other relief at Pedong



Damage to houses due to heavy wind of at Bhalukhop GP, Kalimpong-I on 21.04.2023



Disaster Management Training of Jai Hind Bahini at Disha Centre 2023



Distribution of Tree cutting machines to all Blocks and Municipality on 29.04.2023

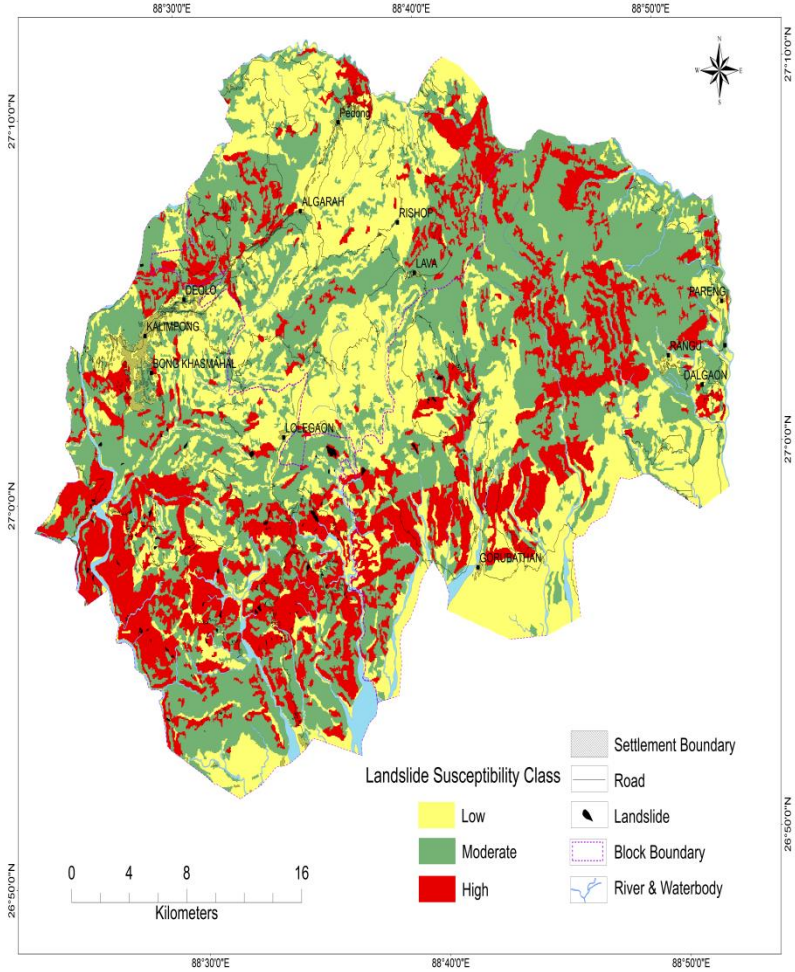
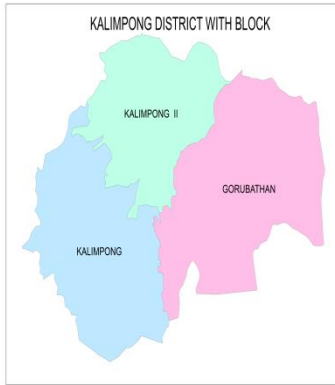


DEOC, Kalimpong



**GEOLOGICAL SURVEY OF INDIA**  
 GEOHAZARD RESEARCH & MANAGEMENT CENTRE  
 CENTRAL HEADQUARTER, KOLKATA

## LANDSLIDE SUSCEPTIBILITY MAP OF KALIMPONG DISTRICT



**Notes**

The landslide susceptibility map shows areas vulnerable (Low, Moderate and High) to initiation of slope failure. The run-out of landslide is not considered in the susceptibility model and hence, the landslide run-out zone may be considered separately while interpreting the map. This landslide susceptibility map is a vital geoinformation, which can be used for land use zoning regulations in the hilly/mountainous terrains.

The landslide susceptibility map is prepared by using relevant weighted and rated geofactor maps, relevant to different terrain conditions. The model integration was carried out Toposheet wise to prepare the final landslide susceptibility map and the same was validated with the available historical landslide data. The map data is created in a GIS platform using UTM Projection (44N) and WGS 1984 datum.

GSI endeavours to keep the landslide information up to date and correct, however, GSI makes no representations or warranties of any kind, expressed or implied, about the completeness, accuracy, reliability, suitability or availability with respect to landslides. The landslide inventories including its dimensions presented are based on field data and/or visual estimation and are often limited to accessibility and approachability in the mountainous terrain. GSI also reserves the right to update the susceptibility map and model in future as soon as new data/model information are available and also for preparing seamless geodatabase across different landslide prone States.

**END**