



## DISTRICT DISASTER MANAGEMENT PLAN

### AMPATI

2016-2017



District Disaster Management Authority,  
South West Garo Hills, Ampati

## FORWARD

The District Disaster Management Plan (DDMP) outlining the measures to be taken in the event of any natural or man-made disaster during the year 2014 has been prepared on the basis of past experiences. The DDMP includes the facts and figures those have been collected from various sources with a view to meet the challenges during any Natural Disaster, while formulating the District Disaster Management Plan and also valuable suggestions of District Disaster Management Committee, have been taken into account.

The plan is prepared to help the District Administration focus quickly on the essentials and crucial aspects of both preparedness and response. The plan deals with Risk Assessment and Vulnerability Analysis, Identification of Disaster Prone Areas, Response Structures, Inventory of Resources, Procedures, Directory of Institutions and key individuals etc.

It is suggested that the District Level Officials who are in-charge of different departments will carefully go through the DDMP and remain alert to effectively countenance any emergent situations that may arise at any point of time. The DDMP is desired to serve as a useful handbook of operational guidelines for all concerned officials of the district, It is expected that District level Officials working in South West Garo Hills District in different Departments will thoroughly acquaint themselves with these guidelines and also with the relevant provisions of Relief Code and CRF Guide Line.

(Ram Singh, IAS)

District Magistrate & Chairman

District Disaster Management Authority

South West Garo Hills, Ampati

## PREFACE

**Disaster Management** has a great role to play in the present day context. ‘Disaster’ relates to damage or an extremely bad situation or event which causes a lot of harm, loss of life and property. ‘Management’, on the other hand, is controlling a situation or event successfully. While Relating this natural phenomena to SouthWest Garo Hills District, one can see that this district has seen many disasters in the form of devastating cyclones ,heavy floods, landslides, unpredictable earthquakes, etc. The district has also witnessed tremendous cyclonic storms and heavy floods in many of its plain regions. Flash floods and cyclonic storms during monsoons causes great destruction to villages, crops, cattle etc. It is a recurrent feature and hence every year relief measures such as providing drinking water, food, shelter, clothing and supply of medical facilities to deter the calamities are to be augmented. Ampati is District Headquarter which is a growing town requires immediate attention in terms of preparedness for disaster as unsafe construction of dwelling habitats in the heart of the city as well as outskirts could result in severe damage and heavy loss of human lives. It may also be noted that vital road connections are constructed through the hilly terrain and heavy landslides can cause road blockages which may ultimately lead to shortage of essential commodities. Taking all these into consideration, the District Disaster Management Plan has been prepared for this district.

The main objective of this plan is to fully prepare and envisage management of the situation in the event of devastating disaster and to organize effective disaster measures covering both the urban and rural areas in the district. The plan has been prepared considering every locality under each village headman in the rural and in the urban areas so that they themselves can organize relief and rescue services independently before the outside rescue operation reach their areas. The existing government machineries at the district and the block levels were taken into consideration while preparing this plan. The plan also proposes to utilize the voluntary services of NGOs, elected members such as MLAs, MDCs, Bajar Committees, Village Development Councils, Bharat Scouts and Guides and the services of the Civil Defence. The idea of advance warning systems, the use of traditional transportation like Bullock carts, Horse carts are to be included in the plan. The latest mode of communication like the use of mobile phones, WLL, AIR, wireless communication is proposed to be used in the plan.

( Debojit koch)  
Asstt. District Project Officer  
District Disaster Management Authority  
South West Garo Hills, Ampati

( Merry T Sangma, MCS)  
Addl. District Magistrate & CEO  
District Disaster Management Authority  
South West Garo Hills, Ampati

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**CHAPTER I**

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**DISTRICT DISASTER MANAGEMENT PLAN**

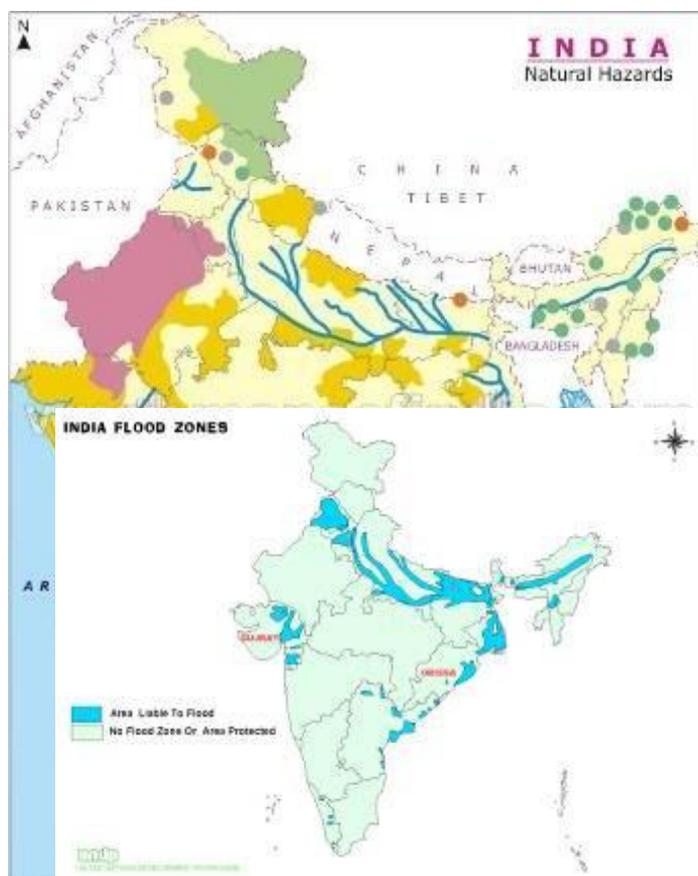
**AIMS AND OBJECTIVES**

- To design and implement disaster management activities.
- To co-ordinate and monitor the Disaster Management Programmes in order to rationalize resource utilization and ensure effective implementation of the Programmes.
- To reduce vulnerability to disasters in the identified areas of concern.
- To reduce personal suffering
- To speed recovery.
- To put in place appropriate measures that minimizes the negative effects of Disaster.
- To activate response mechanisms for effective, timely search and rescue Operations, in order to save lives and minimize damage to property, in times of a crisis
- To put in place measures to restore livelihoods and other life support systems of the affected communities.

## INTRODUCTION

### 1.1 EXECUTIVE SUMMARY

India is a vast country and is highly prone to multi disasters such as flood, droughts, cyclones and earthquakes. In the meantime, India has already experienced the Tsunami and super cyclones of Orissa, the devastating earthquake of Gujarat, unexpected flash floods in Bihar and Mumbai. Considering such situations, Government of India has already passed Disaster Management Act on 23<sup>rd</sup> December, 2005 in the Parliament. After this act, disaster is no more confined to any particular department rather it is confined to all the departments. This Act enables the State Government to develop management authority at the state level and make it more effective and specific. According to a recent study, 65 % of total Indian landmass is highly prone to earth quake; where as 12 % is submerged under water annually, 16 % is affected by draught, 8% isaffected due to Cyclone and 3%is prone to Landslide (Ministry of Home Affairs, 2004). The latter alone cost about 40 million hectares of landmass. Besides, an 8000-KM stretch of Indian



coastal line affects with the fury of cyclone in two seasons. That is to say eight per cent of the land is disturbed biannually with cyclones ranging from low pressure to super cyclones, like the one, which perished decades of human efforts in Orissa coast in 1999. Now the people of India especially the coastal folk are much appalled with a new avatar of nature's fury i.e. Tsunami. The unanswered question, today, is how to tackle such disasters.

During an emergency or disaster, the District Disaster Management Authority (DDMA) will take immediate and appropriate action to determine, direct, mobilize, and coordinate resource needs. The District Administration will suspend or cancel normal operations and redirect resources to save lives, relieve human suffering, sustain survivors, protect property, and repair essential facilities.

The District Administration has designed, built, equipped, and staffed an Emergency Operations Center (EOC) / District Control Room, from which all emergency activities will be managed. The District Control Room / EOC will communicate with the state EOC to ensure close cooperation in emergencies and disasters.

## 1.2 ASSUMPTIONS

The District Disaster Management Authority is primarily responsible for natural, technological, human caused and biological emergency preparedness, but has a shared responsibility with the State and the Central governments for national security preparedness and for catastrophic hazards.

The probability of a terrorist related emergency or disaster leading to disaster situation that would involve mass fatalities and casualties, major devastation and disruption of vital services exists.

Disasters could, individually or in combination, cause a grave emergency condition in any area of the district. It can vary in scope and intensity, from a small local incident with minimal damage to a multi-district disaster with extensive devastation and loss of life.

The actions of prevention, mitigation, preparedness, and response and recovery operations are conducted by the DDMA. Local authorities will exhaust their resources, and then use resources of other supporting agencies, volunteer groups, the private sector, and / or neighboring districts.

State assistance will supplement District Administration efforts and central assistance will supplement State and DDMA, when it is clearly demonstrated that it is beyond local and State capability to cope with the disaster situation.

## 1.3 ORGANISATION AND ASSIGNMENT OF RESPONSIBILITIES

### **Duties of DDMA(South West Garo Hills) Members**

Designation	Responsibilities
<b>Deputy Commissioner</b>	<b>Over all planning coordination and supervision of the Disaster Management initiatives including Disaster Risk Management Programme</b>
<b>Incident Commander</b> (South West Garo Hills)	Act as Incident Commander during disaster Facilitate and, coordinate with, local Govt. bodies to ensure that pre and post-disaster management activities in the district are carried out.

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<b>Chairman</b>	<p>To implement District Disaster Management Programme in consultation of DDMC at district level.</p> <p>To direct and coordinate district administration through various departments and line agencies for the Disaster Management.</p> <p>To set up the District Emergency Operation Centre (EOC) and facilitate setting up of mobile coordination.</p> <p>To constitution of DMCs and DMTs at Sub-division, wards and Committee level.</p> <p>To ensure preparedness among communities by generating awareness and building capacities.</p> <p>To ensure community participation in all the stages of disaster operation in order to maintain community morale and confidence maximize the use of local resource, reduce the cost of operation and promote a faster recovery.</p> <p>To coordinate activities of voluntary organization and NGOs to ensure community participation.</p> <p>To facilitate DMTs for preparing Community Disaster Management plans.</p> <p>To procure/hire/purchase/pre-contract material for the DM.</p> <p>To coordinate with all fields of responses including transit camps, relief camps, feeding centers and cattle camps in an emergency.</p> <p>To facilitate updating of the IDRN and other DM web site</p> <p>To chair the DDMA meeting in a regular period of time.</p> <p>To supervise and monitoring of disaster management and relief activities within the district.</p> <p>Take appropriate actions to smoothen the response and relief activities to minimize the effect of disaster.</p> <p>To report to the Divisional Commissioner officer as per notification.</p> <p>To implement district level mock drills at least biannually.</p> <p>Any other as per the need and direction of the Divisional Commissioner or the higher authority.</p>
<b>Add.District Magistrate/CEO (West Garo Hills)</b>	<p>To convene DDMA meeting in regular period of times and circulate the minutes of the meeting among the members.</p> <p>To coordinate with the Chairman of DDMA and assist to carry out any DM activities in the</p>



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	Any other responsibility as the Incident Commander cum Chairman of DDMA allocates, as per the Disaster Management Act.
<p><b>All other members of DDMC</b> ( South West Garo Hills)</p>	<p>To assist the Dy. Commissioner in preparation of District Disaster Management Plan (DDMP).</p> <p>To prepare Disaster Management Plan for his/her own Department (DMPD) and the subordinate units of the department like police stations, duty stations, vital installations, schools, hospitals etc.</p> <p>To convey such (DMPDs) to the Emergency operation Centre (EOC).</p> <p>To provide desirable staff for disasters preparedness among communities by generating awareness and building capacities.</p> <p>To assist in preparation of Community Based Disaster Management plan (CBDM) and training to the DMTs for various operations of disasters.</p> <p>To organize regular sensitization cum training on disaster management for their own departmental staff.</p> <p>To constitute/update and train Quick Response Teams (QRTs) and Field Response Teams (FRTs) at their department level.</p> <p>To coordinate the Support Agencies of the Emergency Support Functions (ESFs) and organize periodic meetings.</p> <p>To organize Mock Drills in their own departments level and the subordinate units level biannually in coordination with the DC.</p> <p>To assist the functioning of District emergency Operation Centre.</p> <p>To coordinate with the Dy. Commissioner during emergency and providing appropriate help.</p> <p>To report to the Chairman of DDMA periodically on progress on disaster preparedness in their department</p> <p>To provide all possible human resource/equipment resources/communication resources available in the department to the Incident Commander in a disaster situation.</p> <p>To provide all possible human resource/equipment resources to the deputy commissioner for organizing training programmes on disaster management.</p> <p>To promote the disaster resistant technologies and seismic engineering in construction pertaining to the department.</p> <p>To negotiate/implement retrofitting methods for the existing vital/lifeline installations</p>

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	<p>under the department.</p> <p>Any other responsibility as the Incident Commander cum Chairman of DDMA allocates, as per the Disaster Management Act.</p>
<b>District Information Officer</b>	<p>To assist the Dy. Commissioner in preparation of District Disaster Management Plan (DDMP)</p> <p>To update the India Disaster Resource Network (<a href="http://www.idrn.gov.nic.in">www.idrn.gov.nic.in</a>) web site and other such web portals launched by the government and the district.</p> <p>To prepare Disaster Management Plan for his/her own Department (DMPD) and convey the same to the Emergency operation Centre (EOC).</p>
<b>Members</b>	<p>To constitute/update and train Quick Response Teams (QRTs) and Field Response Teams (FRTs) at their department level.</p> <p>To coordinate the Support Agencies of the Emergency Support Functions (ESFs) and organize periodic meetings.</p> <p>To organize Mock Drills in their own departments level and the subordinate units level biannually in coordination with the DC.</p> <p>To assist the functioning of District emergency Operation Centre.</p> <p>To provide all possible human resource/equipment resources/communication resources available in the department to the Incident Commander in a disaster situation and for training.</p> <p>Any other responsibility as the Incident Commander cum Chairman of DDMA allocates, as per the Disaster Management Act.</p>
<b>Astt. District Project Officer(DM)</b> (South West Garo Hills)	<p>To assist the Convener of the DDMA in organizing the meeting/reporting and circulating minutes of the meeting.</p> <p>To assist the DDMA Chairman in exercising the day to day affairs of the Emergency Operations Centre.</p> <p>To assist the Chairman in implementing the DM programme in the district.</p> <p>To assist the Convener of the DDMA in preparing periodic reports of DM programme in the District and any other documents/reports pertaining to disaster management.</p>
<b>Ex-Officio Member</b>	<p>To negotiate with UNDP/NGOs/INGOs/and other bilateral agencies in implementation of the DM Programme.</p> <p>Any other responsibility as the Incident Commander cum Chairman of DDMA allocates, as</p>

	per the Disaster Management Act.
<b>Private Sectors</b>	The private sectors should ensure their active participation in the pre-disaster activities in alignment with the overall plan developed by the DDMA.
<b>Market Associations</b>	They should also adhere to the relevant building codes and other specifications, as may be stipulated by relevant local authorities.
<b>and</b>	
<b>Institutions</b>	As part of CSR undertakes DRR projects in consultation with Deputy Commissioner for enhancing district's resilience.
<b>NGOs</b>	Local Community groups and voluntary agencies including NGOs should actively assist in prevention and mitigation activities under the overall direction and supervision of the DDMA
<b>and</b>	
<b>Volunteer Agencies</b>	They should actively participate in all training activities as may be organized and should familiarize themselves with their role in disaster management.
<b>Citizens</b>	It is a duty of every citizen to assist the DDMA or such other person entrusted with or engaged in disaster management whenever his/her aid is demanded generally for the purpose of disaster management.

## 1.4 CONCEPT OF OPERATIONS

The District Disaster Management Plan is based on the premise that the Emergency Support Functions (ESF) performed by the various agencies and organizations during emergency operations generally parallels their normal day-to-day functions. The same personnel and material resources will be employed in both cases. Day-to-day tasks and operations that do not contribute directly to the emergency may be suspended or redirected for the duration of any emergency or disaster, and efforts that would normally be assigned to those tasks will be channeled toward emergency and disaster ESF as assigned.

- *Section 31 of DM act 2005 seeks to make it mandatory to have disaster management plan for every district, for the protection of life and property from the effects of hazardous events within its jurisdiction.*
- *In significant emergencies or disaster, direction and control will be carried out by the District Magistrate or the chairperson of DDMA or as may be specified under the State Disaster Management Plan guidelines/Rules.*
- *The DEOC will be staffed and operated as the situation dictates. When activated, operations area supported by ranking representatives from line department government, central government agencies at district, private*

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sector and volunteer organizations to provide information, data, resources and recommendations as to actions needed to cope with the situation.

- The Chairman of DDMA may recommend for declaration of emergency (Local/State) to the competent authority at State HQ level and begin implementing emergency procedures. (refer section 24 of DM Act 2005)
- Termination of a State of Emergency shall be declared by the authority that it was issued.
- Facilities that have been identified as vital to operation of the district government functions have been identified.
- The DM or his designee will coordinate and control resources of the District.
- Emergency public information will be disseminated by all available media outlets through the designated media and information officer.
- Prior planning and training of personnel are prerequisites to effective emergency operations and must be considered as integral parts of disaster preparation.
- Coordination with surrounding districts is essential when events occurred that impact beyond jurisdictional boundaries. Procedures should be established and exercised for inter district collaboration.
- Departments, agencies and organizations assigned either primary or supporting responsibilities in this document must develop implementation documents in order to support this plan.
- 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.
- District authority will use normal channel for requesting assistance and/or resources, i.e. through the District Emergency Operations Centre (DEOC) to the State EOC. If state resources have been exhausted, the state will arrange to provide the needed resources through central assistance.
- The District EOC will coordinate with the State EOC, IMD/CWC to maintain up-to-date information concerning potential flooding, cyclonic warnings and watches. As appropriate, such information will be provided to the citizens of the affected areas with the district.
- Upon receipt of potential problems in these areas DEOC/designated official will appropriately issue alert and notify action to be taken by the residents.
- Emergency and disaster occurrence could result in disruption of government functions necessitates that all levels of local government and their departments develop and maintain procedures to ensure continuity of government.

It is necessary that for suo-motto activation of the agencies involved in the disaster management the institutional trigger mechanism should be there so that every agency takes its assigned role at the time of such disaster. There will be three types of the Trigger mechanism set up depending upon the warning signals availability as mentioned below.

### **Warning Signal Available:**

In such case the govt. of India/State Govt. has certain authorised agency monitoring such early warning signals before some disaster and communicating these to the respective state governments. After such warning/advisory received by the State Govt., the State EOC will communicate to the Dist. EOC through the Chairman of DDMA who through the Dist. EOC will communicate such warning to the departments at the district level and through respective SDM's to the departments at the Sub-division level down to the village level and the respective agencies whom such mitigation functions assigned will swing into action. The information flow in such cases will be as follows:-

National EOC – connected with IMD/INCOIS/NRSA/CWC and other agencies responsible for monitoring, analysis and forecasting

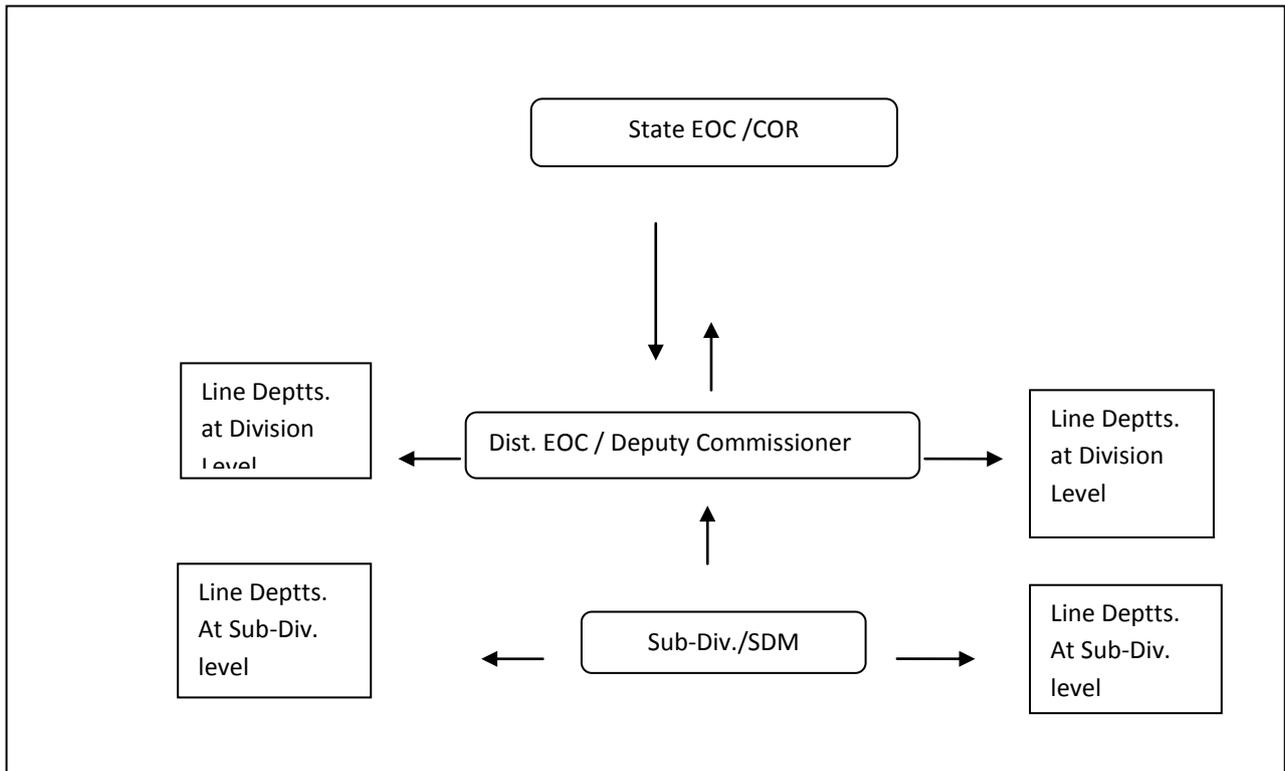
State Emergency Operation Centre (SEOC)



**WITHOUT EARLY WARNING SIGNAL**

When disaster occurs without any early warning in that case the information starts from the place of incident through government agency or otherwise and the institutional mechanism in such cases will be as follows:-

- The concerned village will report to the Panchayat, block, police station/SDM and the information will reach to the Deputy Commissioner.
- DDMA will assess the information and declare the disaster to be of the level – L0, L1, L2, L3.
- Dist. EOC will be activated and if required the State EOC will be kept at alert if assistance needed otherwise information of the incident will be passed to State EOC.
- DDMA will convene the meeting of Dist. EOC and plan the management of the disaster as IAP.
- The respective incident response teams will be rushed to the site for effective management.



The disaster response structure will be activated on the receipt of disaster warning/on the occurrence of the disaster by the competent authority. The occurrence of disaster may be reported by the concern monitoring authority to the Commissioner of Relief/GSDMA by the fastest means. The Commissioner of Relief (COR) will

activate all departments for emergency response including the State EOC, Dist. EOC and ERCs. In addition, they will issue instructions to include the following details.

- Exact quantum of resources (in terms of manpower, equipments and essential items from key departments/stakeholders) that is required.
- The type of assistance to be provided.
- The time limit within which assistance is needed.
- Details of other Task/Response Forces through which coordination should take place.
- The State EOC, ERC and other control rooms at the State level as well as district control rooms should be activated with full strength.

The State Government may publish a notification in the official gazette declaring such areas be disaster-affected area under GSDMA Act {Section 32 (2) (a)}.

Once the situation is totally controlled and normalcy is restored, the COR declares End of Emergency Response and issues instructions to withdraw the staff deployed in emergency duties.

### **1.5 DISASTER OVERVIEW**

**DISASTER - A Serious disruption of the functioning of a society, causing widespread human, material, or environmental losses, which exceed the ability of the affected society to cope using its own resources.**

**Types of Disasters: (Experienced in the District)**

<i>Common Natural Disasters</i>	<i>Man Made Disasters</i>
 <b>Cyclone , Landslides</b>	 <b>Fire- House / Forest</b>
 <b>SevereFlood/Flash Flood</b>	 <b>Accident- Road</b>
 <b>Earthquake</b>	 <b>Insurgency</b>
 <b>Elephant Depredation</b>	 <b>Ethnic Clash</b>

## Chapter – II

### OVERVIEW OF THE DISTRICT

#### **2.1 LOCATION, AREA AND ADMINISTRATIVE DIVISION**

Lies between: Latitude - 90° 30' and 89° 40' Degree East

Longitude - 26° and 25° 20'-Degree North

The south west Garo Hills District, Ampati is one of the eleven districts of Meghalaya bounded on the north by Dhuburi District of Assam on the East by West Garo Hills and on the South- West by Bangladesh and . The temperature range is approximately 10°C to 36°C depending on the altitude ranging between 100m above MSL to 1500m above MSL. The Total land area is 822 sq km . Forest covers about 302.40 sq km. The District is predominantly hilly region; the rivers are perennial in nature.

#### **2.2 South West GARO HILLS DISTRICT AT A GLANCE**

- Name of the District : SOUTH WEST GARO HILLS, AMPATI
- Headquarter : AMPATI
- No. of Block : 2 (TWO)
  - ☞ BETASING
  - ☞ ZIKZAK
- No. of Revenue Villages : 400
- No. of constituencies : 4 (FOUR)
  - ☞ A.C. Ampati (ST)
  - ☞ A.C. Rangsakona (ST)
  - ☞ A.C. Salmanpara (ST)
  - ☞ A.C. Mahendraganj (ST)
- Assembly Seat : 4 (Four)

**Name of MLAs** : Shri Dr Mukul M Sangma, Shri Jeneet M. Sangma, Shri Winnerson D. Sangma, Smt. Dikanchi D, Shira.

- No. of Police Stations : 2(Two)
  - ☞ Ampati
  - ☞ Mahendraganj

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- No. of Out Post : 1(One)
- No. Beat Houses : 2 (Two)
- No. of Infiltration Check Post : Nil
- Anti-Dacoity Camps : 2(Two)
- Investigation Centre : 1 (one)
- No. CHCs : Two (2)
  - ☞ Ampati
  - ☞ Mahendraganj
- No. of PHCs : 9 (Nine)
  - ☞ Kalichar
  - ☞ Nogorpara,
  - ☞ Zikzak
  - ☞ Salmanpara
  - ☞ Betasing
  - ☞ Belbari
  - ☞ Rangsakona
  - ☞ Garobadha
  - ☞ Mellim
- Sub-Centre :
- No. of State Dispensary : Nil
- No. of Leprosy Society : Nil
- District T.B Society (RNTCP) : 1 (One) South West Garo Hills, Ampati CHC
- Designated Microscopic Centre (DMC) : 3(three) Ampati Mahendraganj and Garobadha
- No. of Fire Stations : 3(Three)
  - ☞ Ampati Fire Station
  - ☞ Mehendraganj Fire Station
  - ☞ Garobadha Fire Station

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▪ Total Area of the District : 822 sq km

1	Total Area Reported	822 sq km
2	Geographical Area	822 sq km
3	Area available for cultivation	13,468 HA
8	No of River	7
9	Population ( as per 2011 Census)	172495
10	No. of Irrigation Division	1.
11	Area cultivated more than once	NA
12	Cropping intensity (GCA/NSA)	NA

**2.3 DEMOGRAPHIC DETAILS:** The total population of South West Garo Hills District is 1,72,495 (2011 Census) of which 87135 are males and 85360 are females. The district comprises of 2095 Schedule Castes, 138168 Schedule tribes and 32232 belong to other backward tribes. The hill region is mostly inhabited by the Garos while in the foothills there are hajongs, Koches, Bengalis and Muslims.

### Demography. (As per 2011 Census)

Name of the Block	House holds	Population				Total
		Adult		Children		
		Male	Female	Male	Female	
Betasing	18242	39600	39243	8196	7979	95018
Zikzak	15621	32532	31501	6807	6637	77477
<b>Total</b>	<b>33863</b>	72132	70744	15003	14616	<b>172495</b>

### Household Details

Sl. No	Name of the Block	No. House holds	No. of BPL House hold	No. of AAY House Hold	No. of APL House Hold
1	Betasing	18241	9277	6042	
2	Zikzak	15621	5251	2998	1718

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	TOTAL	33863	14528	9040	<b>5677</b>
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### 2.4 SOCIO-ECONOMIC FEATURES

Agriculture is the main source of income of the district. Some people in the Municipality area have business

#### OCCUPATION

Name of the Block	House Holds					
	Agricultural Labour	Big Farmer	Small Farmer	Marginal Farmer	Landless and other worker	
Betasing	15,111	Nil	20,354	6,839	4,368	
Zikzak	4228	Nil	11711	12924	8793	
<b>TOTAL</b>	<b>19339</b>	<b>Nil</b>	<b>32065</b>	<b>19763</b>	<b>13161</b>	

#### Literacy Rate in Percentage:

Block/Urban	Male	Female	Total
Betasing	56 percent	42.47 percent	49.23 percent
Zikzak	60.0 percent	50.9 percent	55.45 percent

### 2.6 CLIMATE AND RAINFALL

The climate of this district is generally hot with high humidity. May is usually hottest month. December and January is the coldest month of this district. Monsoon generally comes during the month of June.

ANNUAL NORMAL RAINFALL - MM.

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TEMPERATURE - MAX 37 DEGREE CELSIUS - MIN. 8 DEGREE CELSIUS

Month	Actual Rainfall (in m.m.)				
	2007	2008	2009	2010	2011
April	133	632	247	653	221
May	763	742	359	289	334
June	565.8	735	542.2	963	670
July	629	531	474	710	690
August	371	1295	399	414	268
September	50.2	397	554	524	211
October	188	85	318	135	251
November	2	Nil	Nil	151	82
December	Nil	Nil	Nil	2	1.2
<b>Total</b>	<b>2808</b>	<b>4545</b>	<b>3961.3</b>	<b>3954</b>	<b>2900</b>

### 7.2 Availability of Irrigation Facilities

Sl.No	Name of the Stream	Name of the project
1	Rongkusi stream	MIP at Naragre
2	Ajong stream	MIP at Grenggandi
3	Demdem stream	MIP at Damdama
4	Ajong stream	MIP at Akinpara
5	Bolsal stream	MIP at Dengnakpara
6.	Teltel stream	MIP AT Monabari
7	Badek stream	MIP AT Lower Damalgre

**Financial Institutions:**

Sl. No	Name of the Institution	Address	Telephone Number
1	SBI, Ampati Bajar	Ampati, South West Garo Hills	
2	SBI, Betasing	Nirghini , South West Garo Hills	
3	SBI, Zikjak	Zikzak, South West Garo Hills	
4	SBI, Mahendraganj	Mahendraganj, South West Garo Hills	
5	SBI, kalaichar	Kalaichar, South West Garo Hills	
6	SBI, Garobadha	Garobadha, South West Garo Hills	
7	SBI, Aoidoba	Aoidoba, South west Garo Hills.	
8	Rular Bank Garobadha	Garobadha, , South west Garo Hills.	

**Road Network & Communication Connectivity - ROAD**

The details of the road communication are as follows:-

- Name of Executive Engineer: Shri B. Tongi
- Name of Division: Amapati
- Nomenclature of Road: State Highway
- Name of Road: Tura-Garobadha-Ampati to Mahandraganj
- Distance from Tura: 50km

**DISTRICT DISASTER MANAGEMENT PLAN, 2016**

- Whether BT/CV/KC:
- Remarks:
- Distance of Road network from Ampati to various C & RD Blocks: average 20km distance
- Alternative Communication Connectivity in Emergency Situation: Details on State Highway Connected to the District Alternate route structures:

**STATEMENT OF ROAD CONNECTIVITY IN RESPECT OF DISASTER MANAGEMENT PLAN OF South WEST GARO HILLS DISTRICT, Ampati**

Name of Division : P.W.D Roads, Ampati

Phone No :

Sl No	Nomenclature of Road	Name of Road	Name of Market connected	Distance from Tura	Whether BT/CV/KC	Remarks
1	District Highway	Tura- Ampati- Mahendraganj Road	1. Damalgre 2 Mukdangra 3. Harigaon 4. Garobadha 5. Garodoba 6. Betasing 7. Ampati 8. Zikzak 9.Mahendraganj	15Km 19Km 24Km 30 Km 35 Km 44 Km 51 km 60 km 70 km	BT.	
2	ODR	Ampati to Manchachar	1. Jolgaon 2. Manchachar	6 Km 12 Km		
3	ODR	Ampati to kalaichar	1. katuligaon 2. Boldamgri 3. Kalaichar 4.Mahendraganj	6 Km 12 Km 17 km 32 km		
4		Ampati- Purakasia	1.samlampara 2. Purakasia	12 km 29 km		
4.		Ampati- Rangsakona Road	1.Betasing 2. jebongpara 3.Bollonggito 4.Damdoloka 5.Meliem	6 km 13 km 20 km 28 km 36 km		

**Distance of Road network from Ampati various C & RD Blocks:**

Sl.No	Name of Block	Road Network	Distance from Tura in Km
1.	Betasing	Ampati to Betasing Block Hq via Ampati- Tura Road	7 km
2.	Zikzak	Ampati to Zikzak Block Hq via Mahendraganj roads,	15 Km

**Alternative Communication Connectivity in Emergency: Details on National Highway Connected to the District Alternate route structures:**

Vulnerable Area	Main Route	Alternate Route
<b>1. Northern plain belt of South West Garo Hills District</b>	Garobadha-Betasing- Ampati- Mahendraganj	1. Ampati to Manchachar Road 2. Ampati - kalaichar Road.

**CHAPTER - III**

**RISK ASSESSMENT AND VULNERABILITY ANALYSIS**

**3.1 History of Disaster**

Type of Hazards	Year of Occurrence	In Unit / Percentage				
		Area affected (crops) (ha)	Population affected (Nos.)	Impact on Life (Houses) (nos.)	Livelihood	Live stock
Flash Flood/ Landslide	21 <sup>st</sup> – 22 <sup>nd</sup> September 2014	0.382 (lakh ha)	70348	2719	Rupes 11,42,79,195/-	
Cyclonic strom	4 <sup>th</sup> April 2015	200 ha	1546	2546	Rupes 9 lakh	

## DISTRICT DISASTER MANAGEMENT PLAN, 2016


### 3.2 Seasonality of Hazard (Use Tick Mark)

Type of Hazards	Jan-Mar				April-June				July-Sep				Oct-Dec			
	H	C	A	I	H	C	A	I	H	C	A	I	H	C	A	I
Cyclone					*	*		*		*				*		
Flood						*	*		*	*	*	*	*	*	*	*
Earthquake	*			*	*			*	*			*	*			*
Fire					*	*	*	*					*	*		
Accident	*				*				*				*			

H: Human, C: Crop, A: Animals, I: Infrastructure

### 3.3 Risk Assessment

Type of Hazards	Time of Occurrence	Potential Impact	Vulnerable areas
Flood	April-June July-Sept	Life, Livelihood, crops, community, livestock, infrastructure.	Selsella, Betasing, Zikzak Development Block
Cyclone	April-June Oct-Dec	Life, Livelihood, crops, community, livestock, infrastructure.	Whole district especially dalu area
Fire		Life, Livelihood, crops, community, livestock, infrastructure.	
Accidents	Throughout the year	HumanLife	
Earthquake		Life, Livelihood, crops, community, livestock, infrastructure, community, livestock, infrastructure.	Whole district especially the District headquarter, Tura
Any Other			

### 3.4 Vulnerability Analysis

Infrastructures	Vulnerability against each hazard				
	<b>Cyclone</b>	<b>Flood</b>	<b>Earthquake</b>	<b>Fire</b>	<b>Landslide</b>
	<b>Area Name</b>	<b>Area Name</b>	<b>Area Name</b>	<b>Area Name</b>	<b>Area Name</b>
Road network	Betasing and Zikzak Block	Mahendraganj Bajar Kalaichar Bajar , Zikjak low lying areas ,Ampati Bajar, Sulguri , dufuri gaon, Betasing Bajar Areas, Garobadha near by Areas, Gandhi para Areas ,Harigaon Areas, Purakhasia Some areas .	Ampati Hq Offices, Civil Hospital, Police Station and some schools and Hostels. Mahendraganj markets places, Garobadha areas St. Domonic Seceondary Schools.	Mahendraganj bajar, Ampati Bajar Areas, Garobadha Bajar Areas due to congested houses.	Salmanpara PHC under villege, Ampati CHC under villege, Rangsakona PHC under villege, Betasing PHC under villege, zikjak PHC under villege
Water ways	No availability	No availability	No availability	No availability	No availability
Water supply	Yes	Yes	Yes	Yes	yes
Sewage	Yes	Yes	Yes	Yes	Yes
Hospital	Yes	Yes	Yes	Yes	Yes
Food stocks & supplies	Yes	Yes	Yes	Yes	Yes
Communication	Yes	Yes	Yes	Yes	Yes
Embankments		Betasing, Khauraugaon areas			
Bridges		All RCC Bridges in the Main PWD Rods	All RCC Bridges in the Main PWD Rods		

**CHAPTER - IV**  
**RESOURCE INVENTORY/CAPABILITY ANALYSIS**

- 4.1 District Disaster Management Committee**  
(Please find in Annexure – 1)
- 4.2 Important Name and Phone Numbers**  
(Please find in Annexure – 2)
- 4.3 Offices in the District**  
(Please find in Annexure – 3)
- 4.4 Traders**  
(Please find in Annexure – 4)
- 4.5 Earth moving and Road cleaning Equipment**  
(Please find in Annexure – 5)
- 4.6 List of Police Stations**  
(Please find in Annexure – 6)
- 4.7 List of Block Nodal Officer and Master Trainers**  
(Please find in Annexure – 7)
- 4.8 List Of Fire Stations**  
(Please find in Annexure – 8)
- 4.9 List of CHCs/PHCs**  
(Please find in Annexure – 9)
- 4.10 List of BDOs**  
(Please find in Annexure – 10)
- 4.11 List of Helipads identified for rescue and relief work**  
(Please find in Annexure – 11)
- 4.12 List of imp tele nos of disaster management rooms**  
(Please find in Annexure – 12)
- 4.13 List of Medical Control Room in the District**  
(Please find in Annexure – 13)
- 4.14 List of Medicine earmarked for relief**  
(Please find in Annexure – 14)
- 4.15 List of Remote Villages in the District**  
(Please find in Annexure – 15)

## CHAPTER - V

### MITIGATION & CONVERGENCE STRATEGIES

#### 5.1 MITIGATION PLAN

(Sector wise Vulnerability Reduction Measures)

Type of Sector	Sub-Sector	Mitigation Measures	Responsible Department.	Time Frame
<b>Infrastructure Development</b>	IEC activities	<ul style="list-style-type: none"> <li>• Distribution of leaflets, posters &amp; wall painting.</li> <li>• Awareness generation in school, colleges, various competitions &amp; rallies</li> <li>• Training to concerned department, DMTs, NGOs etc.</li> <li>• Conduct regular Mock Drill</li> <li>• Plantation Programme</li> </ul>	<ul style="list-style-type: none"> <li>• District Disaster Management Authority</li> <li>• NGOs</li> </ul>	Through out the year
	Road	<ul style="list-style-type: none"> <li>• Identification/repair of main &amp; alternative routes</li> <li>• Repair of identified vulnerable points</li> <li>• Conversion of pucca roads to village roads</li> </ul>	<ul style="list-style-type: none"> <li>• Irrigation Dept., PWD &amp; DDMA</li> </ul>	During normal time
	Embankment	<ul style="list-style-type: none"> <li>• Strengthening &amp; raising the height of weak embankments, points</li> <li>• Storage of flood fighting material like sandbags, bamboo's mat etc</li> </ul>	<ul style="list-style-type: none"> <li>• Irrigation Department</li> </ul>	During pre flood season
	Bridges	<ul style="list-style-type: none"> <li>• Regular maintenance of bridges &amp; culverts</li> </ul>	<ul style="list-style-type: none"> <li>• Irri. Dept</li> <li>• PWD</li> </ul>	During normal period
	Safe Shelters	<ul style="list-style-type: none"> <li>• Building of safe shelters</li> <li>• Ensure maintenance of shelters</li> <li>• Identification of shelters like schools, community hall etc</li> <li>• Preparation of moulds &amp; cattle shelters</li> </ul>	<ul style="list-style-type: none"> <li>• District Disaster Management Authority</li> <li>• Health &amp; Animal Husbandry Dept</li> </ul>	During Normal period

**DISTRICT DISASTER MANAGEMENT PLAN, 2016**

	Communication	<ul style="list-style-type: none"> <li>• Ensure proper maintenance of Telephone, FAX, WLL phone, Wireless &amp; VHF sets, Trans-Receiver, GPS, Satellite phone,</li> <li>• Installation of VHF/HAM Radio in DEOC</li> </ul>	<ul style="list-style-type: none"> <li>• Telecom Dept.</li> <li>• District Disaster Management Authority</li> </ul>	Normal time
	Drinking water and sanitation	<ul style="list-style-type: none"> <li>• Repair/arrangement of defunct tube wells</li> <li>• Arrangement of tankers</li> <li>• Installation of water supply system</li> <li>• Using disinfectants &amp; ensure its regular use</li> </ul>	PHE Dept.	Through out the year
	Power	<ul style="list-style-type: none"> <li>• Ensure proper maintenance of Electric Sub Stations, power grids</li> <li>• Complete electrification through out the District</li> <li>• Install Solar Lamps near safe shelters &amp; ensure its maintenance</li> <li>• Ensure proper &amp; safe electric connections to the consumers &amp; from electric stand posts/ transformer</li> </ul>	MECL Dept	Through out the year
	Technology dissemination	<ul style="list-style-type: none"> <li>• Ensure proper functioning of internet</li> </ul>	DDMA, Telecom Dept., NIC	Through out the year
<b>Health/ Animal Husbandry</b>	IEC activities	<ul style="list-style-type: none"> <li>• Distribution of leaflets, posters &amp; wall painting</li> <li>• Conducting meeting/ workshop/ orientation to staff, volunteers etc</li> <li>• Awareness generation</li> </ul>	H&AH	During normal period
	Vaccination	<ul style="list-style-type: none"> <li>• Procurement &amp; storage of vaccines</li> <li>• Regular vaccination of domestic animals</li> <li>• Procurement of Refrigerator for Veterinary Hospital</li> <li>• Regular disinfections of tube wells, wells, ponds etc</li> </ul>	H&AH	During normal period
	Training	<ul style="list-style-type: none"> <li>• Training on Health care, Sanitation, First Aid to staff, volunteers etc</li> </ul>	H&AH, DDMA	During normal time

**DISTRICT DISASTER MANAGEMENT PLAN, 2016**

<b>Livelihood Sector</b>	IEC activities	<ul style="list-style-type: none"> <li>• Distribution of leaflets, posters &amp; wall painting</li> <li>• Conducting meeting /workshop, training to staff, volunteers</li> <li>• Awareness generation</li> </ul>	<ul style="list-style-type: none"> <li>• Agri. Dept</li> <li>• Horti Dept</li> <li>• DDMA</li> <li>• NGOs</li> </ul>	During normal period
	Agriculture	<ul style="list-style-type: none"> <li>• Alternative cropping</li> <li>• Installation of LI Point</li> <li>• Crop insurance, Provision of credit facilities</li> </ul>	<ul style="list-style-type: none"> <li>• Agri. Dept</li> <li>• Horti. Dept</li> <li>• Banks</li> </ul>	During normal period
	Livestock farming	<ul style="list-style-type: none"> <li>• Insurance</li> </ul>		
	Fishery			
	Horticulture	<ul style="list-style-type: none"> <li>• Providing nursing raising training &amp; Insurance facilities</li> </ul>	Horticulture Dept	Normal time
<b>Insurance</b>	IEC activities	<ul style="list-style-type: none"> <li>• Distribution of leaflets, posters &amp; wall painting</li> <li>• Conducting meeting /workshop, training to staff, volunteers</li> <li>• Awareness generation</li> </ul>	Dist. Adm, Agri. Dept, Bank	Normal time
	Infrastructure	<ul style="list-style-type: none"> <li>• Maintenance of roads/building</li> <li>• Maintenance of Dist level godowns</li> </ul>	DDMA	Normal time
	Life & Livelihood	<ul style="list-style-type: none"> <li>• Insure insurance of life, livestock, crop&amp; small business units etc</li> </ul>	DDMA, Insurance Companies, Agri. Dept, Bank, Veterinary Dept.	Normal time
<b>Planning &amp; Response</b>	IEC activities, Relief & Rehabilitation	<ul style="list-style-type: none"> <li>• Distribution of leaflets, posters &amp; wall painting</li> <li>• Conducting meeting /workshop, training to staff, volunteers</li> <li>• Awareness generation programme</li> <li>• Renewal of Dist Plan at regular interval</li> <li>• Regular mock drill</li> <li>• Timely preparedness on dissemination of warnings, carry out search, rescue &amp; evacuation operations</li> <li>• Shelters to victims</li> <li>• Protection to livestock</li> <li>• Carry out emergency relief operation</li> </ul>	DDMA, all line departments, NGOs	Through out the years

## DISTRICT DISASTER MANAGEMENT PLAN, 2016

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		<ul style="list-style-type: none"><li>• Clearance of debris &amp; disposal of dead bodies &amp; maintenance of sanitation</li><li>• Damage assessment</li><li>• Taking care of Starvation</li><li>• Maintenance of law &amp; order</li><li>• Co ordinance &amp; sharing of information</li></ul>		
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## CHAPTER VI

### CRISIS RESPONSE STRUCTURE OF THE DISTRICT

#### 6.1 General Advance Preparedness

##### District Administration

**6.1. Tabling of District Disaster Management Plan:** - A DDMP has been developed for reference by the District Administration in the event of a disaster. The plan aims at reducing loss of life, livestock and property etc and thereby serves as an instrument to reduce the impact of any natural hazard. The plan will be revised each year as for the requirement of needs and response in view of actual field situation and calamity.

**6.2 Setting up of DEOC:** The District Emergency Operations Centre is situated inside the premises of District HQ. The DEOC should remain functional for 24hours.

**6.3 Deployment of Country Boat:** Country boat will be deployed at different vulnerable and strategic place for eventual rescue and emergent relief operation. These boats are private boats identified well in advance. These will be requisition at the time of need.

**6.4 Storage and Stock Piling of Emergent Relief:** Rice, kerosene oil, dal, sugar, polythene sheets, fodder, and medicines will be stored in vulnerable places immediately after the first warning is received. PHE Dept will be ensuring that all drinking water sources like TWs & wells are checked, repaired and disinfectant are used regularly

**6.5 Weak and Vulnerable Points:** - There are Nos. of weak and vulnerable points. Irrigation Dept will keep sufficient amount of sand bags in readiness to be pressed into service in case of piping or seepage found in weak points.

**6.6 Rain fall Recording Station:** - A rainfall Recording Gauge and a register is available in the District Agriculture Office. The concerned Department is responsible of regular recording and dissemination of information to District Administration (Dist Control Room).

**6.7 DDMA Meeting:** - A District Disaster Management Authority (DDMA), headed by the Deputy Commissioner has been constituted in the District. Disaster Management Committe during emergency, unlike normal period, the Authority will meet at shorter intervals and important decisions and instruction will be made and disseminated quickly to all stakeholders (District Staff, Line Depts, BDMC, VDMC and NGOs/CBOs).

**6.8 Mock Drill:** In order to handle any eventuality with ease, Mock Drills will be conducted at all levels- District, Block and Village levels twice a year, especially before hazard season.

**6.9 Awareness Generation:** - Awareness programme on Community Based Disaster Preparedness (CBDP) will be conducted to counter disaster threat collectively and effectively and regular orientation to District, Block, DDMC, BDMC, VDMC, NGOs will be carried out.

**6.10 Selection of Flood or Cyclone Shelters /Mounds:** There are buildings belonging to Govt. and educational institutions for providing immediate shelter to the evacuated people from affected areas.

**6.11 District Development Programme:** - DDMA will ensure that the Disaster Mitigation Plan is carried out effectively at all levels.

**6.12 Line Departments Meetings:** Ensuring meeting of all line Departments in the District on natural calamity before and after hazard season by the Deputy Commissioner is a must.

**6.13 Transport:** - Line Depts. having vehicle will keep these in road worthy conditions. Other variables like tyres, tubes, diesel, petrol, bulbs and other important parts of the vehicle will be kept in readiness.

**6.14 Liaison:** - Liaison with Army, Civil Defense, CRPF, Police, Home Guards, NCC, NGOs and other charitable organisations should be a regular activity of the DC.

**6.15 Alternative Communication and Road Net Works:** - The District will be equipped with alternative Tele communication such as VHF, Wireless, WLL, HAM Radio Sets etc. Alternative energy sources like generator, solar energy etc should be ready.

## DISTRICT DISASTER MANAGEMENT PLAN, 2016

**6.16 Provision of Rescue Kits:** - Rescue Kits will be arranged in consultation with Civil Defense Department. Volunteers will be trained; as well as mock drills will be organized regularly.

**6.17 Monitoring and Evaluation:** The DDMC will sit well before onset of hazard season to take stock of the things, make necessary arrangement for proper monitoring and evaluation.

**6.18 Report /Stock Taking of all Line Departments:** In the Pre disaster meeting all the Depts. Will submit their report on “advance preparation” taken of by themselves for incorporation of the same in the District Plan.

**6.19 Population Registration:** - Every new born baby and the name and address of the deceased has to be registered in the village. The District and the Block should have the family wise list of its population. The Angan Wadi Workers would assist in preparation of the list.

### COMMUNICATION & MEDIA

The following tabular form insures media involvement at different hierarchy of administration.

- ❖ District level - CEO(Emgy)→DIPRO→OIC, DEOC
- ❖ Sub-Div. Level- SDO→ Emergency Officer→SDIPRO

Department	A. Early Warning Dissemination Response System			
	Preparedness	Pre (after Warning)	During Disaster	Post Disaster
District Adm.	<ul style="list-style-type: none"> <li>▪ Vulnerable and risk assessment map</li> <li>▪ Cut off areas with safe route map</li> <li>▪ Storing facilities</li> <li>▪ List of dealers for food</li> <li>▪ List of volunteers</li> <li>▪ Control room set up</li> <li>▪ Boat and transportation for rescue</li> <li>▪ Transportation for food supply</li> <li>▪ Pre-positioning of staff</li> <li>▪ Site operation centers/staff</li> <li>▪ Evacuation and rescue of people</li> <li>▪ Coordination and linkage</li> <li>▪ Damage assessment</li> <li>▪ Address and telephone list</li> <li>▪ Alternative communication system</li> <li>▪ Pulling resources</li> </ul>	<ul style="list-style-type: none"> <li>• Cancellation of all leaves with instruction to the concerned person to join HQ immediately</li> <li>• Arrangement/ requisition of Vehicle</li> <li>• Organize emergency meeting of DDMC and inform all to remain alert.</li> <li>• Maintenance record for information generation and dissemination.</li> <li>• Ensure functioning of DCR &amp; assigning of duty to respective staff.</li> <li>• Ensure relief items are in place.</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Dissemination of information regarding weather forecast, possible rain to the Officers and volunteers.</li> <li>• Try to check rumors.</li> <li>• Rain recording and submission of report.</li> <li>• Collection of information of gauge reading, make spot visit to see weak/vulnerable points, constant hourly contact with Irrigation Dept., dispatch of sand bags to weak points.</li> </ul>	<ul style="list-style-type: none"> <li>• Relief distribution.</li> <li>• Damage assessment should be done.</li> <li>• Arrangement of transportation.</li> <li>• Provision of drinking water.</li> <li>• Rehabilitation &amp; Reconstruction.</li> </ul>

**DISTRICT DISASTER MANAGEMENT PLAN, 2016**

	from out side if required Having network with neighboring District			
Police	<ul style="list-style-type: none"> <li>• Ensuring functioning of the warning system</li> <li>• Ensure that Mock Drills are conducted at all levels</li> <li>• Train volunteers through mock drill for search &amp; rescue operation</li> <li>• Formation of teams</li> <li>• Delegation of areas</li> <li>• Formation of Zones and Sub zones.</li> </ul>	<ul style="list-style-type: none"> <li>• Keeping close contact with DC</li> <li>• Deploy personnel to guard vulnerable places.</li> <li>• Alert all Police Officers to remain at the HQ.</li> </ul>	<ul style="list-style-type: none"> <li>• Collection of vital information.</li> <li>• Inform DC after getting authentic message.</li> </ul>	<ul style="list-style-type: none"> <li>• Coordinate rescue &amp; evacuation.</li> <li>• Maintenance of Law &amp; Order</li> <li>• Arrange security at relief camps.</li> <li>• Arrangement for post mortem of dead person &amp; legal procedure for speedy disposal</li> </ul>
Revenue & Disaster Management	<ul style="list-style-type: none"> <li>• Holding of natural calamity meeting before hazard season</li> <li>• Joint inspection.</li> <li>• Formation of Zones &amp; Sub Zones.</li> <li>• Review progress</li> <li>• Arrangement of boats &amp; transport based on the risk arrangement for evacuation</li> <li>• Provision/arrangement of rescue kit at risk prone area</li> <li>• Equipments to be ready</li> <li>• Formation of teams</li> <li>• Delegation of areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Close contact with DC.</li> <li>• Informing all concerned/ public through revenue field Functionaries</li> <li>• Alert revenue officials to remain at the HQ</li> </ul>	<ul style="list-style-type: none"> <li>• Collection on the spot report from field functionaries</li> <li>• Dissemination of day to day position about the disaster at all levels</li> <li>• Liaison with State and Block.</li> </ul>	<ul style="list-style-type: none"> <li>Collection on the spot report from field functionaries</li> <li>Dissemination of day to day position about the disaster at all levels</li> <li>Liaison with State and Block.</li> </ul>

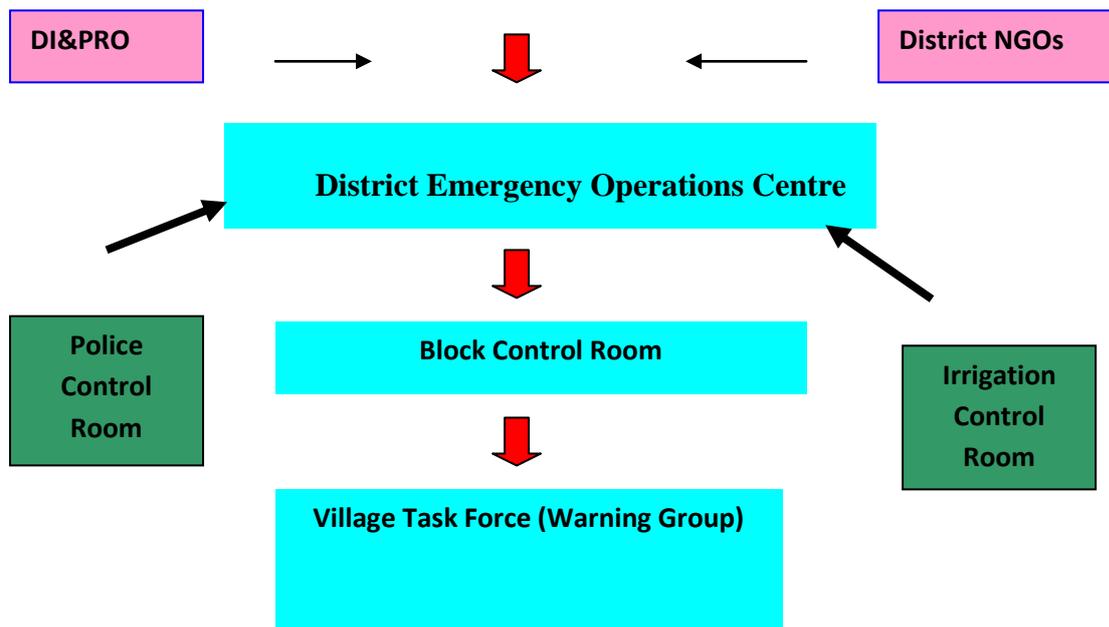
**IDENTIFIED LOCATIONS FOR INSTALLATION OF VHF**

Sl.No	Location for Installation of VHF Systems
1.	Deputy Commissioner Office, Emergency operation Centre,
2.	Betasing & Zikzak block

**Check List for District Emergency Operations Centre:**

Activities	Yes/No
• Assessing of duty.	Yes
• Maintain inventory of resources.	Yes
• Provide information that needs it.	Yes
• Service division and assign duties.	Yes
• Receive information on a routine basis and record.	Yes
• Receive preparedness report from various relevant dept.	Yes
• Basing on the reports feedback to the district authority and others.	Yes
• Vulnerable area map displayed.	No
• Imp. Phone numbers.	Yes
	Yes

**Early Warning Dissemination Response Diagram**



### 6.4 Department Wise Response Structure

Health	<ul style="list-style-type: none"> <li>▪ Stock position of live saving drugs, ORS, IV fluids and other equipment</li> <li>▪ Distribution of ORS, Halogen to field areas</li> <li>▪ List of contact address of field staff</li> <li>▪ List of volunteers</li> <li>▪ List of AWW</li> <li>▪ List of epidemic/risk prone areas</li> <li>▪ List of site operation areas</li> <li>▪ Mobile health unit</li> <li>▪ List of Dist./ health control rooms</li> <li>▪ List of private and local doctor</li> <li>▪ Awareness through propagation of healthy practices during the disaster time</li> <li>▪ Trained the village taskforces on use of medicine and first aid</li> <li>▪ Daily disease report collection and analysis</li> <li>▪ Preventive measures</li> <li>Taking help of others/dist</li> <li>- Registratio n of Birth/Death and other vital events.</li> <li>-</li> </ul>	<ul style="list-style-type: none"> <li>▪ Direct Medical &amp; Paramedical staffs to join HQ immediately</li> <li>▪ Settings of a Control Room &amp; will be kept operational for 24 hours.</li> <li>▪ Delegation of duties/area distribution.</li> <li>▪ Requisition of vehicle</li> <li>▪ Meeting of MOs/ Supervisors</li> <li>▪ Record keeping.</li> </ul>	<p>Attend injured Person.</p> <p>Advocate mobile Health units.</p>	<p>IEC activities on maintenance of health and sanitation.</p> <p>Attend injured person</p> <p>Send sufficient stock of medicines to the affected areas.</p> <p>Ensure purity of water by testing the sources of water.</p> <p>Shift seriously injured people to hospitals.</p>
Irrigation	<ul style="list-style-type: none"> <li>▪ Stock piling of repair materials like sand bags, bamboo at vulnerable points [Place name] etc.</li> <li>▪ Provision of guarding of weak points</li> <li>▪ List of volunteers</li> <li>▪ Taking help of community for</li> </ul>	<ul style="list-style-type: none"> <li>• Cancellation of all leaves with instruction to the concerned person to join HQ immediately</li> <li>• Arrangement/ requisition of Vehicle to vulnerable areas</li> <li>• Maintenance record for information generation and dissemination.</li> </ul>	<ul style="list-style-type: none"> <li>• Deployment of officers &amp; volunteers to vulnerable area.</li> <li>• Provision of equipments.</li> <li>• Coordinate with Dist. Adm.</li> </ul>	<ul style="list-style-type: none"> <li>• Assist the Dist. Adm. In search &amp; rescue.</li> <li>• Repairing of collapsed bridges etc.</li> </ul>

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	<p>maintenance of the embankments</p> <ul style="list-style-type: none"> <li>▪ Taking proper measures for protecting the weak points</li> <li>▪ Co-ordinating with others</li> <li>▪ Equipments to be ready</li> <li>▪ Arrangement of vehicle</li> <li>▪ Delegation of areas.</li> <li>▪ Contact nos./ address of staff / officers</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure tube wells, wells are in perfect condition.</li> <li>• Coordinate with Dist. Adm.</li> <li>• Deployment of Officers &amp; volunteers to vulnerable area.</li> <li>• Rain recording &amp; submission of report to District Control Room.</li> <li>• Important telephone nos.</li> </ul>		
PWD	<ul style="list-style-type: none"> <li>▪ Identification of weak points</li> <li>▪ Repair of weak roads/structures/canals before hazard season.</li> <li>▪ Stockpiling of building material</li> <li>▪ Arrangement of equipments for roads clearance.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Suspension or cancellation of leaves &amp; instruct the concerned person to join HQ immediately</li> <li>▪ Arrangement of all important line &amp; number in order.</li> <li>▪ Maintenance of record for information generation &amp; dissemination.</li> <li>▪ Coordinate with District Adm.</li> <li>▪ Clearance of roadside dead trees posing threat to communication, life &amp; electricity.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Provision of equipments for road clearance.</li> </ul>	<p>Help in search &amp; rescue.</p> <p>Provide all the available resources &amp; manpower.</p> <p>Make arrangement for repair of roads, bridges etc, ensure free flow of vehicles</p>
PHE	<ul style="list-style-type: none"> <li>▪ Installation of Tube wells</li> <li>▪ Site visit and report preparation</li> <li>▪ Awareness generation for using bleaching powder</li> <li>▪ Supply of drinking water during emergency</li> <li>▪ Arrangement of equipments</li> <li>▪ Area wise deployment of staff</li> </ul>	<ul style="list-style-type: none"> <li>▪ To inform all staff members to report to their respective HQ</li> <li>▪ Close contact with DC.</li> <li>▪ Arrangement of water tankers</li> <li>▪ Procurement collection of water purifiers</li> <li>▪ Stockpiling of accessories</li> <li>▪ Repairing of defunct tube wells</li> <li>▪ Raising platform/height of the tube wells in low-lying areas.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Provision of drinking water.</li> </ul>	<p>Repairing of water pipes/water supply/water tanks in case of damage.</p> <p>Provision of drinking water to the relief camps</p> <p>Give advice to</p>

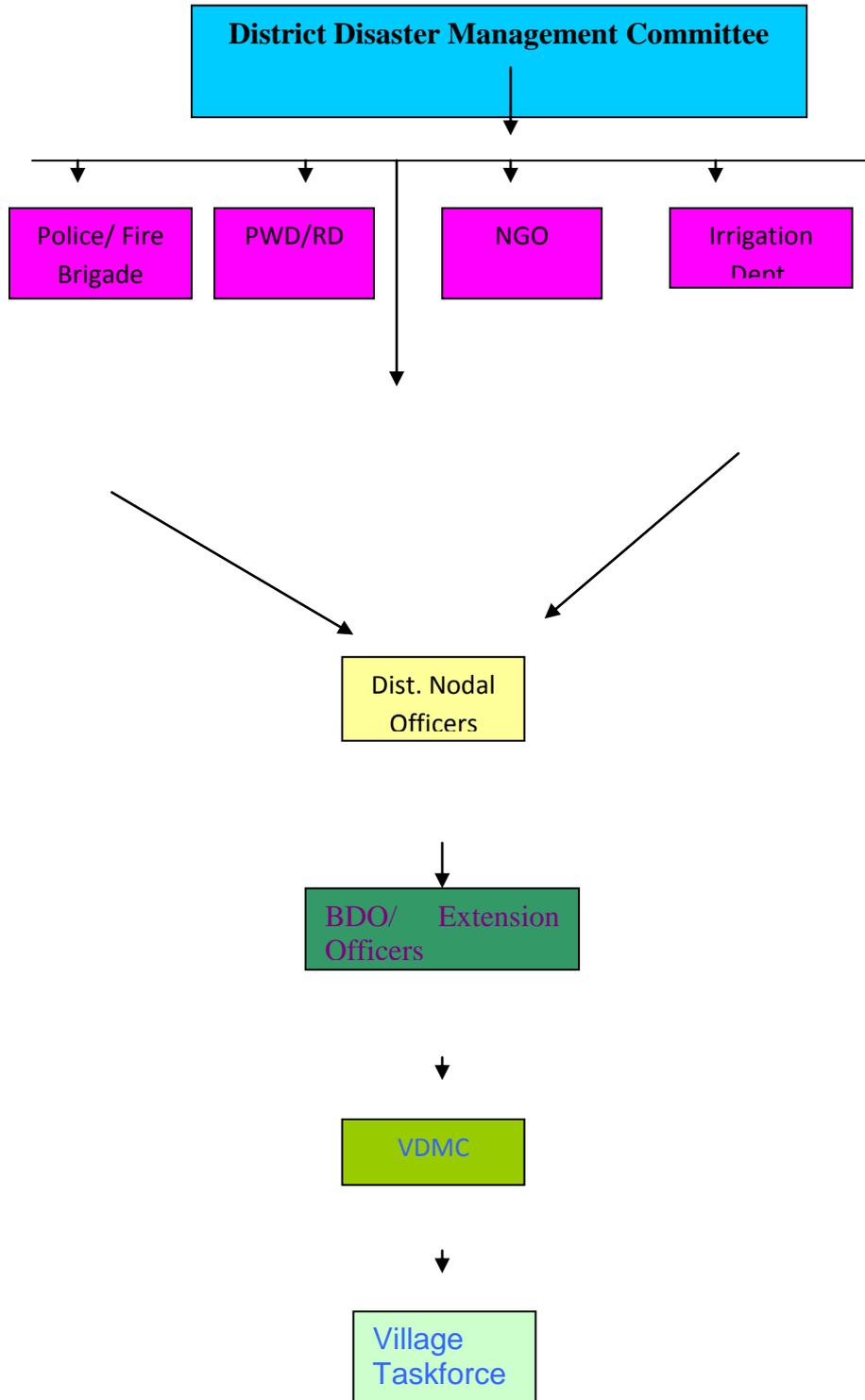
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				people how to use bleaching powder in drinking water.
AH Dep.	<ul style="list-style-type: none"> <li>▪ List out staff members with contact address.</li> <li>▪ Vaccination of cattle population</li> <li>▪ Provision of supply of yearly medicines</li> <li>▪ Arrangement of vehicle for uninterrupted mobility</li> <li>▪ Arrangement of mobile health units inaccessible areas</li> <li>▪ Health awareness campaign</li> </ul>	<ul style="list-style-type: none"> <li>▪ On receipt of warning ask all the staff to join duty immediately</li> <li>▪ Deployment of staff to the inaccessible areas</li> <li>▪ Regular maintenance of records</li> <li>▪ Coordination with higher authorities</li> </ul>	<ul style="list-style-type: none"> <li>▪ Record keeping</li> <li>▪ Information dissemination to concerned quarters</li> <li>▪ Maintenance of regular flow of information.</li> </ul>	<p>Help to carry out search &amp; rescue work</p> <p>Send mobile team with necessary equipments in case of cattle death are there in the affected areas for the disposal of carcass.</p> <p>Treatment of injured cattle.</p>
Electric	<ul style="list-style-type: none"> <li>▪ Regular identification of the faults</li> <li>▪ Regular checking &amp; repair of weak points/Transformers</li> <li>▪ Stockpiling of equipments/accessories</li> <li>▪ Skill development training/orientation</li> <li>▪ Precautions/protections near high voltage electric equipments installed</li> <li>▪ Stopping illegal consumption of electricity.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alert all staff to get back to their respective HQ</li> <li>▪ Retrofitting of weak points if found</li> <li>▪ Disconnection of electricity in the event of an emergency</li> <li>▪ Arrangement of alternative energy sources such as generator and fuel.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Deployment of officers and staffs to the affected areas.</li> <li>▪ Arrangement of equipments and resources</li> <li>▪ Consult the Dist. Adm. to discontinue the supply in case of damage in the line or for the safety of the people and property</li> </ul>	<p>Review electric supply position.</p> <p>Restoration of electric supply which has got disrupted.</p> <p>Preparation of a primary survey report regarding damage in the area.</p>

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Agril.	<ul style="list-style-type: none"> <li>▪ List of different areas to be affected by different hazard</li> <li>▪ Crop pattern with land holding</li> <li>▪ List of irrigation points with status</li> <li>▪ Alternative crop</li> <li>▪ Train for food preservation and protection</li> <li>▪ Assessment of damage</li> <li>▪ Provision of seeds and others</li> <li>▪ Helping in raising of community nursery for seedlings</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alert all officers &amp; staffs to be in the HQ.</li> <li>▪ Rainfall data should be submitted to the Dist. Adm.</li> <li>▪ Ensure availability of resources.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Assign officers for damage assessment.</li> <li>▪ In case of flood &amp; cyclone rainfall data should be collected and submit to the Dist. Adm.</li> </ul>	<p>Damage assessment report to be done immediately.</p> <p>Send necessary equipments in case of crop is washed away.</p>
NGOs	<ul style="list-style-type: none"> <li>▪ IEC activities on Disaster Management.</li> <li>▪ Community mobilization</li> <li>▪ Ensure regular meeting</li> <li>▪ Disseminate all Govt. aided program to the community</li> <li>▪ Ensure regular mock drill</li> <li>▪ Ensure regular bleaching/use of disinfectants in the drinking water sources.</li> <li>▪ Organise workshop/ seminar meeting/training on community based disaster management</li> <li>▪ Long-term mitigation strategy.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alert all the concerned volunteers to have close contact with Community/NGO/District Adm. Especially selected, dedicated volunteers</li> <li>▪ Arrangement of important Telephone Line &amp; numbers</li> <li>▪ Engage volunteers to disseminate received warning/information to the population of weak &amp; vulnerable point</li> <li>▪ Attend emergency meeting of DDMC, BDMC &amp; VDMC</li> <li>▪ Maintenance of records for information generation &amp; dissemination</li> <li>▪ Coordinate with District Adm, Block Adm &amp; VDMC</li> <li>▪ Support District Adm.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Collect &amp; disseminate authentic information regarding weather forecast.</li> <li>▪ Try to check rumors</li> <li>▪ Collection of local flood condition reports and pass on to Dist. Adm.</li> <li>▪ Make spot visit to see embankments, constant hourly contact with Irrigation Dept.</li> <li>▪ Ensure dispatch of sand bags to weak points.</li> </ul>	<p>Help the Dist. Adm. In rehabilitation and reconstruction.</p> <p>Help in distribution of relief materials.</p> <p>Ensure that the victims get compensation.</p>

**B. Evacuation, Search and Rescue Response**



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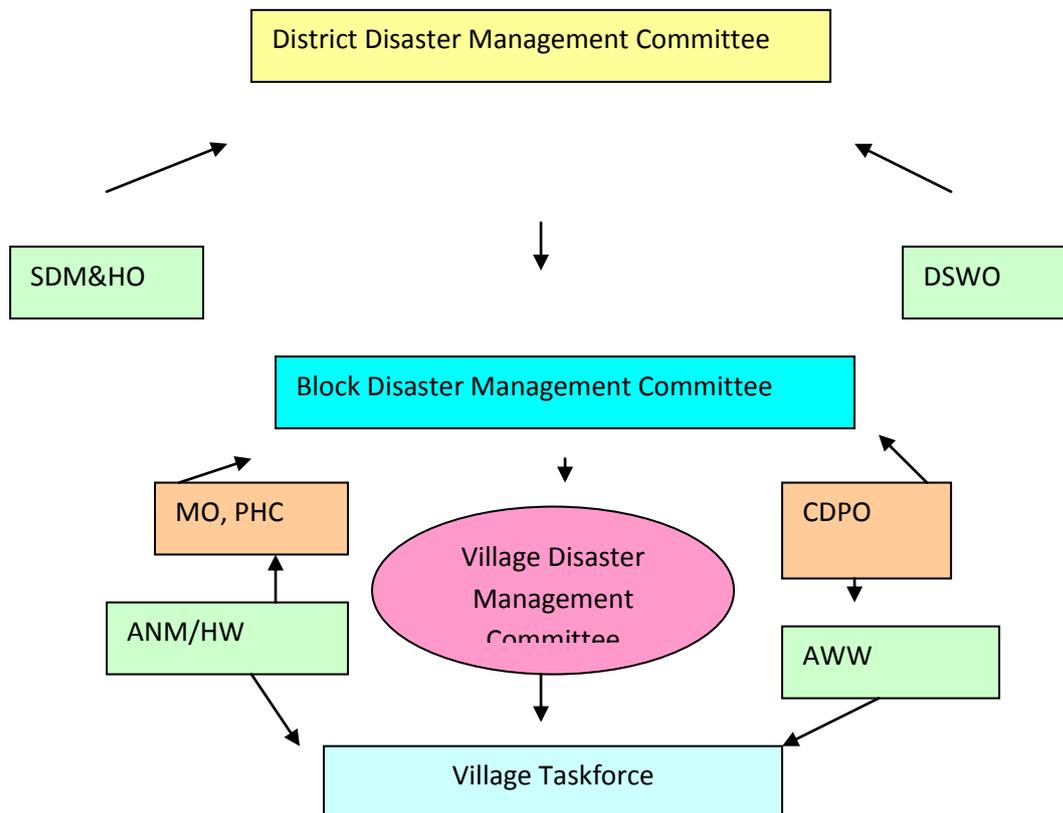
<b>Search, Rescue &amp; Evacuation Response System</b>			
<b>Department</b>	<b>Pre Disaster</b>	<b>During Disaster</b>	<b>Post Disaster</b>
<b>District</b>	<ul style="list-style-type: none"> <li>▪ Deployment of Officers to vulnerable points</li> <li>▪ Deployment of country bouts &amp; transport vehicles as required</li> <li>▪ Propagation for evacuation</li> <li>▪ Arrangement/ deployment of Police</li> <li>▪ Organise evacuation operation</li> <li>▪ Provision of shelters for evacuees &amp; domestic animals in the selected shelters &amp; mould respectively</li> <li>▪ Arrangement of emergent relief</li> <li>▪ Hand over the charge to Shelter Management Team</li> <li>▪ Arrangement of rescue kits &amp; equipments</li> <li>▪ Deployment of Officers/team to organize rescue operation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Keep record of the evacuated people at different locations</li> <li>▪ Provision of medical &amp; counseling support for the evacuees</li> <li>▪ Arrange transport for seriously injured/ill person to nearest Hospital</li> <li>▪ Arrangement of emergent relief in the shelters</li> <li>▪ Team should go around to search &amp; rescue trapped people on the affected area</li> <li>▪ Provision of shelter to the victims</li> <li>▪ Provide medical help, if needed, transport to hospital</li> <li>▪ Record keeping and disseminate information to the Control Room.</li> </ul>	<ul style="list-style-type: none"> <li>▪</li> </ul>
<b>Police</b>	<ul style="list-style-type: none"> <li>▪ Deployment of police staff at risk point</li> <li>▪ Arrangement for the safety of property of the people</li> <li>▪ Arrange rescue kits</li> <li>▪ Support Dist. Adm &amp; volunteers during evacuation operation</li> <li>▪ Assist fire brigade personnel in their efforts</li> <li>▪ Maintain law &amp; order situation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Deployment of police staff at risk point</li> <li>▪ Arrangement for the safety of property of the people</li> <li>▪ Arrange rescue kits</li> <li>▪ Support Dist. Adm &amp; volunteers during evacuation operation</li> <li>▪ Assist fire brigade personnel in their efforts</li> <li>▪ Maintain law &amp; order situation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Support Dist. Adm &amp; volunteers during evacuation operation</li> <li>▪ Assist fire brigade personnel in their efforts</li> <li>▪ Maintain law &amp; order situation</li> </ul>

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<b>Revenue</b>	<ul style="list-style-type: none"> <li>▪ Propagation for evacuation</li> <li>▪ Arrangement for the safety of property of the people</li> <li>▪ Arrange of rescue kits</li> <li>▪ Deployment of staff to assist in rescue operation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Search group go around to rescue the left over people in the risk area</li> <li>▪ Arrangement of bouts &amp; vehicle for the people who are stranded in collaboration with Dist. Adm/police/ fire brigade/volunteers</li> <li>▪ Reporting casualties/missing persons</li> </ul>	<ul style="list-style-type: none"> <li>▪ Find out missing persons</li> <li>▪ Reporting casualties/ missing persons</li> <li>▪ Maintenance of law &amp; order being the Magistrate.</li> </ul>
<b>Medical</b>	<ul style="list-style-type: none"> <li>▪ Arrangement of medical help for the rescued/injured person</li> </ul>	<ul style="list-style-type: none"> <li>▪ Inform paramedical staff regarding the shelter places of the evacuated people</li> <li>▪ Arrangement of medical help for the rescued/injured person</li> </ul>	
<b>Veterinary</b>	<ul style="list-style-type: none"> <li>▪ Mobilise community to evacuate cattle population to the nearest elevated places</li> <li>▪ Support villagers and farmers to help in rescuing trapped cattle</li> <li>▪ Provide first aid to the injured cattle</li> </ul>	<ul style="list-style-type: none"> <li>▪ Coordination with volunteers and villagers to search and rescue trapped animals</li> </ul>	

<b>NGO/ Volunteer</b>	<ul style="list-style-type: none"> <li>▪ Assist Dist Adm by deploying volunteers to vulnerable points</li> <li>▪ Propagation for evacuation</li> <li>▪ Organise evacuation operation</li> <li>▪ Provision of shelters for evacuees &amp; domestic animals in the selected shelters &amp; moulds respectively</li> <li>▪ Handover the charge to Team &amp; volunteers collectively to manage the shelters &amp; inform Dist Adm.</li> <li>▪ Assist the Dist Adm in arranging rescue kits &amp; equipments</li> </ul>	<ul style="list-style-type: none"> <li>▪ Keep record of the evacuated people at different locations</li> <li>▪ Provision of medical &amp; counseling support for the evacuees</li> <li>▪ Arrange transport for seriously injured/ill persons to hospital</li> <li>▪ Search group to go around to search &amp; rescue left over or trapped people on the affected areas</li> <li>▪ Provision of shelters for the victim</li> <li>▪ Record keeping &amp; disseminate to Block Control Room.</li> </ul>	
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**First aid & Health Services**



**DISTRICT DISASTER MANAGEMENT PLAN, 2016**

First Aid Response System			
Departments	Pre Disaster	During Disaster	Post Disaster
<b>CDMO</b>	<ul style="list-style-type: none"> <li>▪ Deployment of staffs in their respective areas with medicines</li> <li>▪ Check the stock &amp; collect the required stock from district office</li> <li>▪ Arrange emergency room ready with all equipments &amp; staff</li> <li>▪ Delegation of duty at CHC/PHC for 24 hours</li> <li>▪ Meeting with the volunteers/ANM/AWW &amp; distribution of work as per the need.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Deployment of staffs in the cut off areas with medicines</li> <li>▪ Check the stock and collect the required stock from Dist office</li> <li>▪ Delegation of duty at CHC/PHC for 24 hours</li> <li>▪ Meeting with the volunteers/ANM/AWW &amp; distribution of work as per the need.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Coordinate the efforts of outside Medical Staffs/NGOs/volunteers</li> <li>▪ Check the stock &amp; collect the required stock from Dist Adm.</li> <li>▪ Arrangement of medical help for the needy</li> <li>▪ Treatment of emergency cases &amp; to big hospital, if necessary.</li> </ul>
<b>District Administration</b>	<ul style="list-style-type: none"> <li>▪ Ensure Medical &amp; Paramedical staffs are in the HQ</li> <li>▪ Ensure status of medicines stock</li> <li>▪ Ensure vehicles are in road worthy condition</li> <li>▪ Ensure the Medical Campus/Rooms/Beds/Equipments are well maintained.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Provide information of evacuees sheltered in different locations to the medical team</li> <li>▪ Ensure medicines are reached to the affected areas</li> <li>▪ Ensure proper treatment of the victims or injured</li> <li>▪ Facilitate NGOs to work hand in hand with the Medical Team</li> <li>▪ Arrange transport to the outside medical team &amp; volunteers, if required.</li> <li>▪ Keep daily situation/ status report form CHC/PHC.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Facilitate &amp; coordinate NGOs/Charitable Organizations reach the spot without any bottlenecks.</li> <li>▪ Keep daily situational reports</li> <li>▪ Take immediate action &amp; seek the support of Dist Adm. if any epidemic is reported.</li> </ul>
<b>DVO</b>	<ul style="list-style-type: none"> <li>▪ Cancellation of all staff and inform to be at the HQ.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Provide first aid to the affected animals and record keeping</li> <li>▪ Supply of medicines &amp; cattle feed</li> </ul>	<ul style="list-style-type: none"> <li>▪ Vaccination immediately after disaster &amp; treatment to prevent epidemics</li> <li>▪ Provide first aid to the affected animals</li> <li>▪ Record keeping</li> </ul>
<b>NGO/</b>	<ul style="list-style-type: none"> <li>▪ Facilitate that</li> </ul>	<ul style="list-style-type: none"> <li>▪ Provide</li> </ul>	<ul style="list-style-type: none"> <li>▪ Facilitate &amp;</li> </ul>

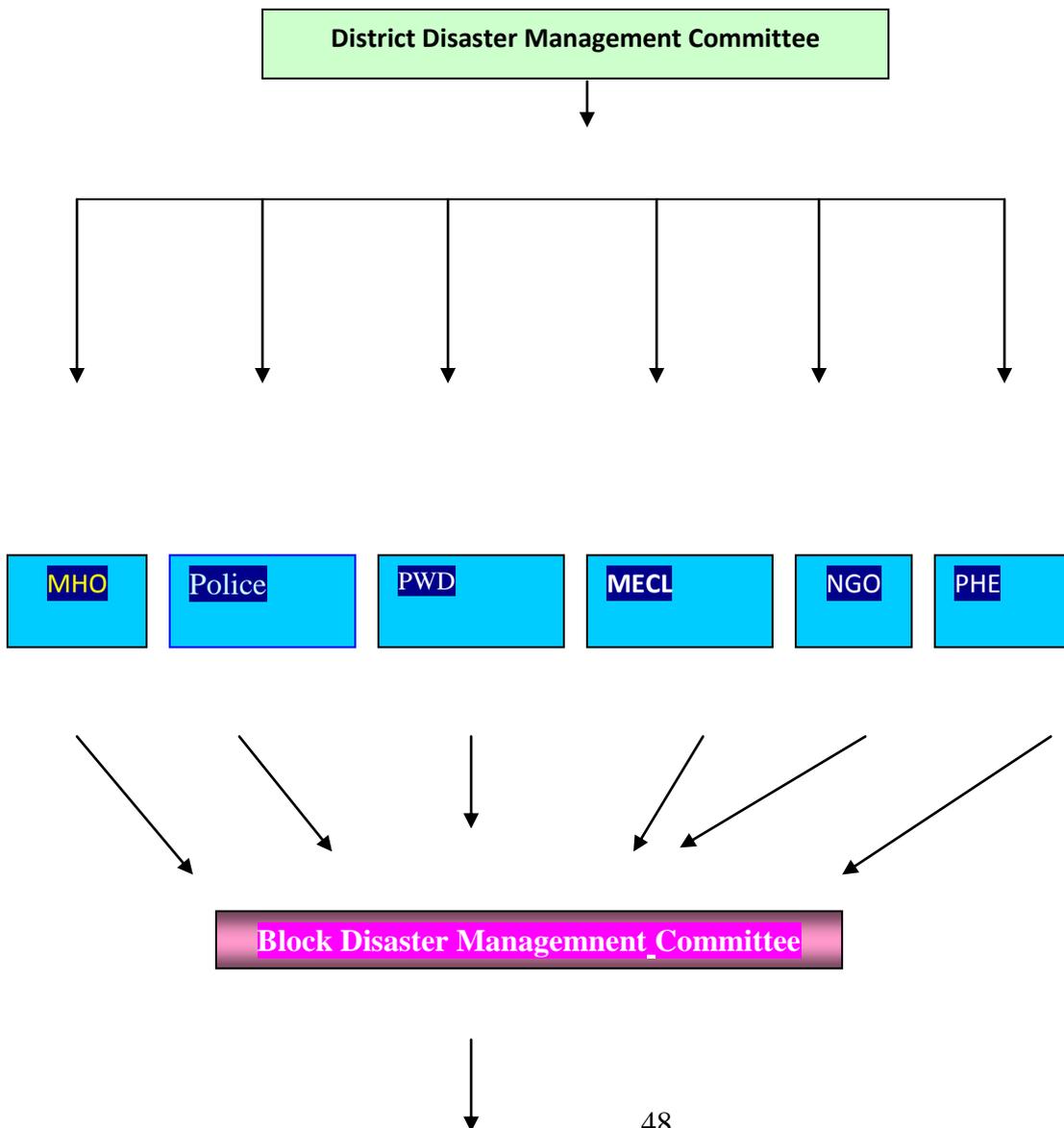
## DISTRICT DISASTER MANAGEMENT PLAN, 2016

<b>Volunteers</b>	<p>Medical &amp; Para Medical Staffs are available in their respective places</p> <ul style="list-style-type: none"> <li>▪ Ensure status of medicines stock</li> </ul>	<p>information of evacuees sheltered in different locations to the medical team</p> <ul style="list-style-type: none"> <li>▪ Ensure medicines are reached to the affected areas with the help of the volunteers</li> <li>▪ Ensure proper treatment of the victims or injured</li> <li>▪ Facilitate NGOs to work hand in hand with the Medical Team</li> <li>▪ Arrange transport to the outside medical team &amp; volunteers, if required.</li> </ul>	<p>coordinate with DMTs so that health facilities reach the spot without any bottlenecks</p> <ul style="list-style-type: none"> <li>▪ Record keeping</li> <li>▪ Inform CHC/PHC to take immediate action &amp; seek the support of Dist Adm if any epidemic is noticed.</li> </ul>
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<b>Carcass Disposal Response System</b>			
<b>Departments</b>	<b>Pre (after warning)</b>	<b>During</b>	<b>Post</b>
<b>District</b>	<ul style="list-style-type: none"> <li>▪</li> </ul>		<ul style="list-style-type: none"> <li>▪ Veterinary Dept under the supervision of VAS will ensure proper disposal of carcass in collaboration with District &amp; volunteers</li> <li>▪ District would provide fund if same is not available in Veterinary Dept.</li> <li>▪ VAS would submit item wise requirements.</li> </ul>
<b>Police</b>	<ul style="list-style-type: none"> <li>▪</li> </ul>		<ul style="list-style-type: none"> <li>▪ Identify &amp; register the names of the dead &amp; disposed persons</li> <li>▪ Support Dist, Medical Team, Community members in disposing dead bodies</li> <li>▪ Assist victims' families in getting Govt. aid</li> </ul>
<b>Health</b>	<ul style="list-style-type: none"> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ Registration of deaths &amp; issuing Death Certificates</li> <li>▪ Distribution of disinfectants to the volunteers to dispose dead bodies.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Keeping record of dead/injured persons with relevant particulars</li> <li>▪ Registration of deaths &amp; issuing Death Certificates</li> <li>▪ Distribution of disinfectants to the volunteers to dispose dead bodies.</li> </ul>

<b>AH Dept</b>	<ul style="list-style-type: none"> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ Collection of dead bodies</li> <li>▪ Record keeping</li> <li>▪ Issuing of death certificates for the insured livestock</li> <li>▪ Distribution of disinfectant, the place, where animals buried/cremated</li> </ul>
<b>NGO</b>	<ul style="list-style-type: none"> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ In collaboration with local volunteers assist Dist Adm &amp; Vet Dept for proper disposal of carcasses</li> <li>▪ Ensure cleanliness</li> <li>▪ Use disinfectants near human and animal wastes especially near the bodies buried or cremated.</li> </ul>

### Shelter Management

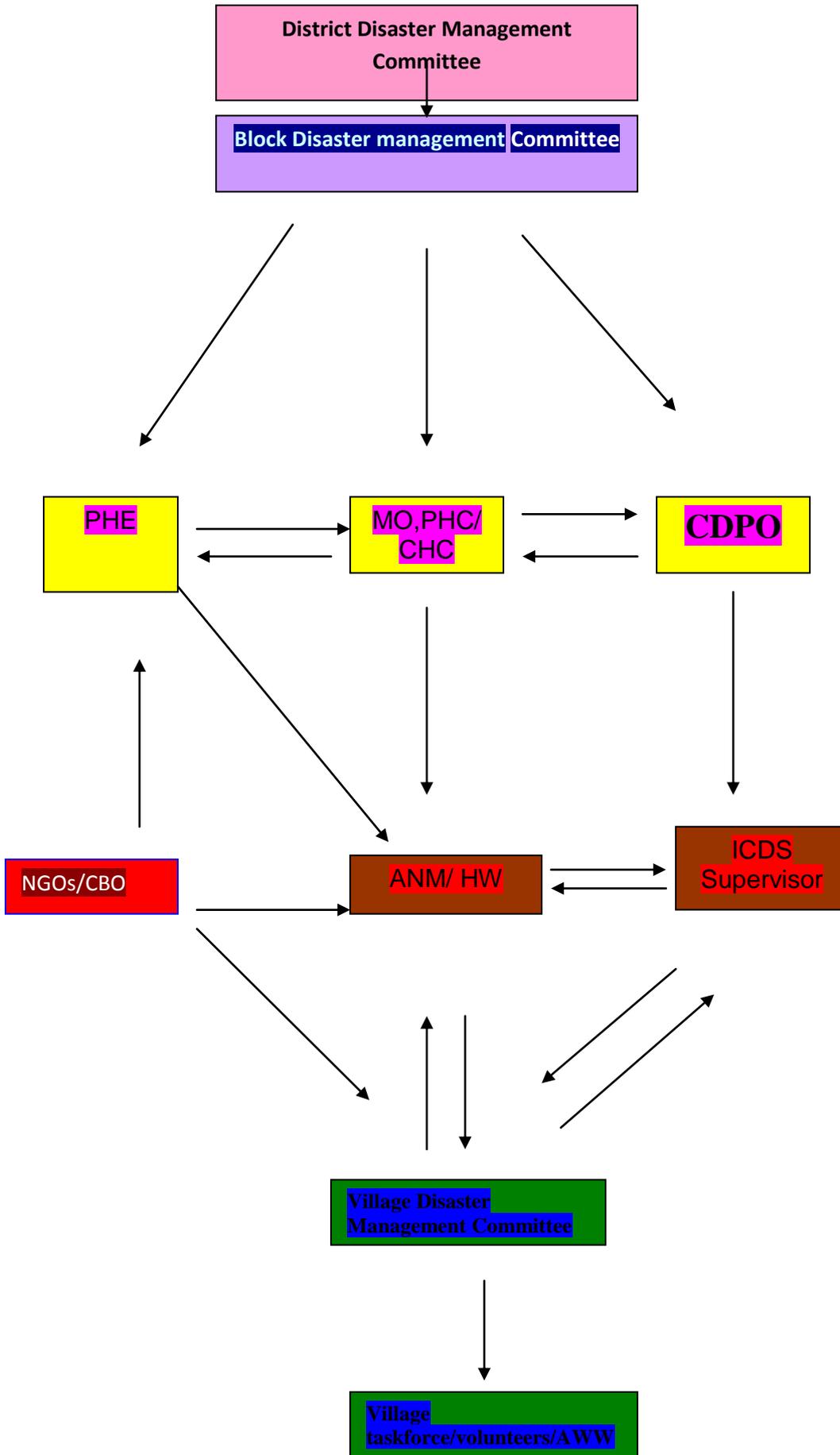




Sl. No	Departments	Shelter Management – Response System		
		Pre Disaster	During	Post
1.	<b>Dist Admin.</b>	<ul style="list-style-type: none"> <li>▪ Identification of temporary shelters for the evacuees &amp; hand over the charge to SMT</li> <li>▪ Arrange emergent relief</li> <li>▪ Provision of temporary latrine &amp; portable water source near the shelters</li> <li>▪ Check rumors by disseminating information regarding weather conditions &amp; possible Govt. support.</li> <li>▪ Arrange safer places, mounds and fodder for animals</li> <li>▪ Deploy Police &amp; volunteers to maintain peace</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ensure proper management of shelters by SMT</li> <li>▪ Keep daily situational / status report</li> <li>▪ Ensure registration of the evacuated people sheltered</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ensure people are back to their home</li> <li>▪ In case houses are fully collapse/ swept away victims would be supplied with tents for temporary shelter</li> <li>▪ Make necessary repair work of the shelters if required.</li> </ul>
2.	<b>Police</b>		<ul style="list-style-type: none"> <li>▪ Deploy Constables/ Home</li> </ul>	

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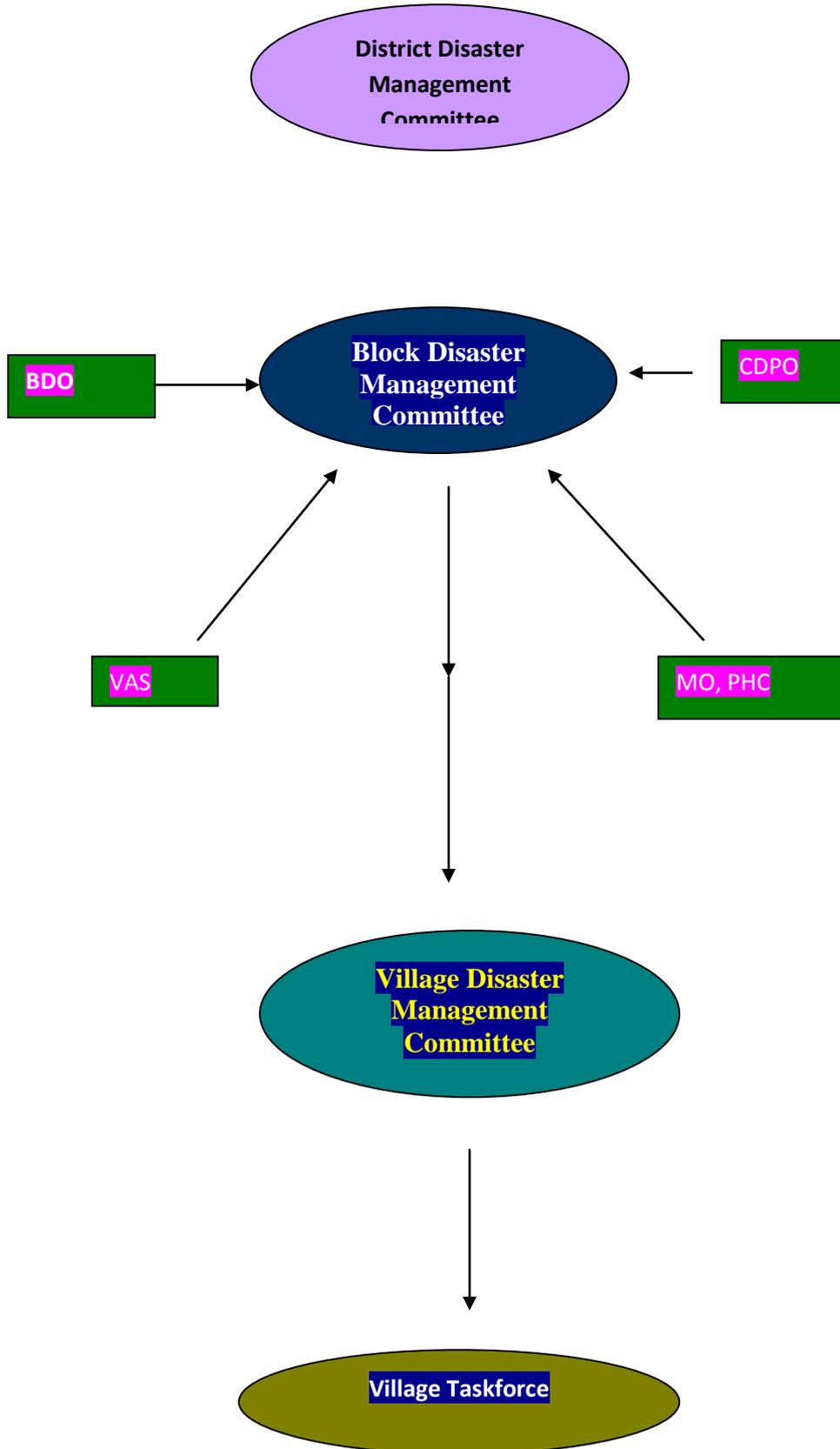
			<p>Guards to different shelters</p> <ul style="list-style-type: none"> <li>▪ Maintenance of law and order</li> <li>▪ Arrangement of police personnel for the safe guard of the shifted marooned families</li> </ul>	
3.	<b>Health</b>	<ul style="list-style-type: none"> <li>▪ Provision of medicine &amp; deployment of paramedical staff</li> <li>▪ Provision of medical help to the needy</li> <li>▪ Provision of Halogen Tablets &amp; use of disinfectants for the temporary latrines.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Provision of medicine &amp; deployment of paramedical staff</li> <li>▪ Provision of medical help to the needy</li> </ul>	
4.	<b>PHE</b>	<ul style="list-style-type: none"> <li>▪ Installation of emergency tube well/tankers near the shelter site</li> <li>▪ Bleaching/ disinfections of drinking water sources</li> <li>▪ Supply of halogen tablets</li> </ul>	<ul style="list-style-type: none"> <li>▪ Supply of drinking water</li> <li>▪ Supply of poly pack containing safe drinking water</li> <li>▪ Distribution of halogen tablets</li> <li>▪ Informing community particularly the evacuees regarding use of safe drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Withdrawal of temporary of tube well installed in shelter sites</li> <li>▪ Use of bleaching powder wherever necessary.</li> </ul>
5.	<b>NGO/ Volunteers</b>	<ul style="list-style-type: none"> <li>▪ Identification of temporary shelters for the evacuees &amp; hand over the charge to SMT</li> <li>▪ Provision of temporary latrine &amp; portable water source near the shelters</li> <li>▪ Check rumors by disseminating information regarding weather conditions &amp; its future development</li> <li>▪ Arrange safer places, mounds and fodder for animals</li> <li>▪ Deploy volunteers to maintain peace</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ensure proper management of shelters by Shelter Management Team</li> <li>▪ Ensure daily situational /status report</li> <li>▪ Ensure registration of the evacuated people sheltered</li> <li>▪ Ensure that animals kept/evacuated are safe &amp; proper treatment/care is taken</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ensure people/domestic animals are back to their home</li> <li>▪ In case houses are fully collapsed/swept away arrange tents for shelter for the victims.</li> </ul>



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Sl. No.	Departments	Water Sanitation Response System		
		Pre	During	Post
1.	CDMO	<ul style="list-style-type: none"> <li>▪ Disinfections of drinking water sources</li> <li>▪ IEC activities regarding safe drinking water, disposal of human &amp; animal wastes</li> <li>▪ Check the stock &amp; collect the required stock from Dist office</li> <li>▪ Arrange emergency room ready with all equipments &amp; staff</li> <li>▪ Delegation of duty at CHC/PHC for 24 hours</li> </ul>	<ul style="list-style-type: none"> <li>▪ Disinfections of drinking water sources</li> <li>▪ Taking steps to check any possibility of epidemic outbreak</li> </ul>	<ul style="list-style-type: none"> <li>▪ Disinfections of drinking water sources</li> <li>▪ Taking steps to check any possibility of epidemic outbreak</li> </ul>
2.	PHE	<ul style="list-style-type: none"> <li>▪ Lab testing of drinking water if necessary</li> <li>▪ Bleaching of water sources</li> <li>▪ Aware community regarding the use of safe drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Lab testing of drinking water if necessary</li> <li>▪ Bleaching of water sources</li> <li>▪ Aware community regarding the use of safe drinking water</li> <li>▪ <b><u>Sticking Red &amp; Green Stickers</u></b> respectively for the polluted &amp; safe drinking water sources</li> </ul>	<ul style="list-style-type: none"> <li>▪</li> </ul>
3	AH	<ul style="list-style-type: none"> <li>▪ Distribution of disinfectants where cattle reside</li> </ul>		
4.	NGO/Volunteers			<ul style="list-style-type: none"> <li>▪ Disinfections of drinking water sources taking steps to check any possibility of spreading Any epidemics in the community.</li> </ul>

### Relief operation



## DISTRICT DISASTER MANAGEMENT PLAN, 2016

Sl.No.	Departments	Relief Response System		
		Pre	During	Post
1.	<b>Dist. Admin.</b>	<ul style="list-style-type: none"> <li>▪ Assessment of community wise requirement of emergent relief in view of population (adult/ children)</li> <li>▪ Identification of volunteers/Officers to remain in charge of storage go downs &amp; transportation for distribution of relief</li> <li>▪ Temporary ceasing of food stuff &amp; other essential items available in PDS outlets</li> <li>▪ Requisition of vehicles for supply of relief</li> <li>▪ Purchase, organize or mobilize emergent relief &amp; stock piling of relief items in the remote areas</li> <li>▪ Stockpiling of fodder</li> <li>▪ Ensure stockpiling of relief items in vulnerable points</li> </ul>	<ul style="list-style-type: none"> <li>▪ Arrangement/ requisition of Police, Para Military/ Home Guards/ CRPF to protect &amp; facilitate uninterrupted relief supply &amp; distribution</li> <li>▪ Liaison with INGOs/ NGOs to mobilize relief items &amp; enlisting of their relief measures</li> <li>▪ Grant emergent relief to all the marooned people &amp; organize relief camps</li> <li>▪ Provision of basic amenities like drinking water, sanitation &amp; public health care</li> <li>▪ Ensure proper documentation / record of relief items received from various agencies/ stock piled/ supplied remaining balance etc</li> <li>▪ Organise cattle camps and fodder</li> <li>▪ A card system according to the number of families/ persons should be introduced for smooth operation of relief</li> <li>▪ Facilitate visits of VIPs in the affected areas.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Declaration of the area affected</li> <li>▪ Facilitate INGOs/NGOs or private individuals to continue relief operations of their own</li> <li>▪ Record collection &amp; dissemination to DCR</li> <li>▪ Closer of Govt. relief work as per the norms</li> <li>▪ Keeping record of damages to homes, persons, dead &amp; missing person.</li> <li>▪ Opening of PDS outlets to start their normal activities &amp; also ensure that no malpractice is done by the traders taking advantage of the situation</li> <li>▪ Commencement of agricultural activities, desiltation, resowing etc</li> <li>▪ Encourage rehabilitation of home less by NGOs</li> <li>▪ Organize health program both for people &amp; animals by NGOs etc.</li> <li>▪ Meeting with all stake holders &amp; taking note of the felt experience for making future development in the DDMP.</li> </ul>
2.	<b>Police</b>	<ul style="list-style-type: none"> <li>▪ Giving escort or guard to the relief items stored or transported</li> </ul>	<ul style="list-style-type: none"> <li>▪ Assist Dist Adm. In supply &amp; distribution of relief materials</li> <li>▪ Deploy police personnel near relief go downs</li> <li>▪ Escort relief carrier vehicle &amp; personnel</li> <li>▪ Maintain law &amp; order</li> </ul>	<ul style="list-style-type: none"> <li>▪ Assist Dist Adm. In supply &amp; distribution of relief materials</li> <li>▪ Deploy police personnel near relief go downs</li> <li>▪ Escort relief carrier vehicle &amp; personnel</li> <li>▪ Maintain law &amp; order</li> </ul>
3.	<b>Revenue &amp; Disaster Management</b>	<ul style="list-style-type: none"> <li>▪ Stockpiling of relief materials</li> <li>▪ Arrangement / requisition of staff &amp; vehicles</li> </ul>	<ul style="list-style-type: none"> <li>▪ Distribution of emergent food items to the evacuated people sheltered in different shelters</li> <li>▪ Distribution of clothes/ blankets to the marooned people</li> <li>▪ Maintenance of law &amp; order being Magistrate</li> </ul>	<ul style="list-style-type: none"> <li>▪ Distribution of emergent food items to the evacuated people sheltered in different shelters</li> <li>▪ Distribution of clothes/ blankets to the marooned people</li> <li>▪ Maintenance of law &amp; order being Magistrate</li> </ul>
4	<b>Health</b>	<ul style="list-style-type: none"> <li>▪ Stockpiling of medicines/ disinfectants in the risk prone area</li> <li>▪ Maintenance of stock register</li> </ul>	<ul style="list-style-type: none"> <li>▪ Coordinate the efforts of outside Medical Staff/ Charitable Organisations/ Volunteers</li> <li>▪ Provision of temporary medical camps/relief centers</li> <li>▪ Attend ill/victims &amp; report to CHC/PHC control room</li> <li>▪ Distribution of medicines &amp; disinfectants.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Coordinate the efforts of outside Medical Staff/ Charitable Organisations/ Volunteers</li> <li>▪ Provision of temporary medical camps/relief centers</li> <li>▪ Attend ill/victims &amp; report to CHC/PHC control room</li> <li>▪ Distribution of medicines &amp; disinfectants.</li> </ul>

## **6.5 CHECK LISTS**

### **1. DISTRICT COLLECTOR & DISTRICT MAGISTRATE**

PREPARED ACTION TAKEN	Y/N	REMARKS
Vulnerable and risk assessment map	N	
Cut off areas with safe route map	Y	
Storing facilities	Y	
List of dealers for food	Y	
List of volunteers	Y	
Control room set up	Y	Temporary
Boat and transportation for rescue	N	
Transportation for food supply	Y	
Repositioning of staff	Y	
Site operation centers/staff	Y	
Evacuation and rescue of people	Y	
Coordination and linkage	Y	
Damage assessment	Y	
Address & telephone list	Y	
Alternative communication system	Y	
Pulling resources from outside if required	Y	
Having network with neighboring Districts	Y	

**2. CHECK LIST FOR SP**

PREPARED ACTION TAKEN	Y/N	REMARKS
Ensuring communication establishment of Dist. Police H.Q. with P.S./ O.P.s / DCR/Divisional Commissioner/Neighboring Police H.Q's .	Y	
Test checking of receipt of transmission of messages	Y	
Taking care of law & order problems in cases it arises during disaster.	Y	
Deployment of guards for supply depots, convoys for relief materials, relief camps, hospitals and medical centers.	Y	
Coordination with the Military service personnel.	Y	
Train volunteers through Mock Drill for search and rescue operation	Y	

**3. CHECK LIST FOR CEO**

PREPARED ACTION TAKEN	Y/N	REMARKS
Ensuring communication establishment of DCR with Block control rooms / Line Dept. control rooms / Zones / Sub-Zones / Neighboring district control room / Police control rooms / Revenue control room / SRC./ Board of revenue / IMD	Y	
Electricity restoration.		
Transportation / communication restoration.	Y	
Water supply restoration.	Y	
Normalcy restoration.	Y	
Estimation of the loss.	Y	

**4. CHECK LIST FOR D.M.&HO.**

PREPARED ACTION TAKEN	Y/N	REMARKS
Staff with contact address	Y	
Check stocks of equipments and drugs	Y	
Train of paramedical staff, health workers for providing minimum health services to the community. Train the village Task Forces on use of medicines and first aid	Y	

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Arrange mobile health unit	Y	
Awareness through propagation of healthy practices during disaster time	Y	
Repair of Sub center building	Y	Some only
Registration of Birth, death and other vital events	Y	
Disinfections of drinking water sources/preventive measures	Y	
Installation of telephone connection	Y	Some only
List of private and local doctors	N	
List of epidemic/risk prone area	Y	
List of AWW/volunteers	Y	
Daily disease report collection and analysis	Y	
Taking help of others/District.	Y	

### 5. CHECK LIST OF MeECL

PREPARED ACTION TAKEN	Y/N	REMARKS
Repair and maintenance of power lines, transformers, weak points	Y	
Ensuring stocking of equipments/accessories	Y	
Arrangement of alternative sources of energy	N	
Precaution near high voltage equipment installed	Y	As per the guidelines

### 6. CHECKLIST FOR IRRIGATION DEPARTMENT

PREPARED ACTION TAKEN	Y/N	REMARKS
Stockpiling of necessary equipments like sandbags, bamboo etc	N	But during emergencies arrangements can be made
Provision/arrangement of sandbags in risk prone area	N	But during emergencies arrangements

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		can be made
List of volunteers	N	
Take proper measures for protecting the weak points	Y	
Identification of vulnerable points	Y	
Ensure tubes wells, wells are in perfect condition	Y	
Coordinating with others	Y	
Taking help of community for maintenance of the embankments.s	N	The dept. itself is doing all the work

**7. CHECKLIST FOR PHE DEPARTMENT**

PREPARED ACTION TAKEN	Y/N	REMARKS
Important phone numbers	Y	
Provision/arrangement of equipments	Y	
Arrangement of vehicle	N	
Installation of tube wells	Y	
Avoid Contamination of water & prevent diseases	Y	
Repairing of defunct tube wells & tankers	Y	
Arrangement of mobile water tank	Y	

**8. CHECKLIST FOR PWD DEPARTMENT**

PREPARED ACTION TAKEN	Y/N	REMARK
Identification of weak points	Y	
Repair of weak roads, bridges, structures, canals before hazard season	Y	
Stock piling of building materials	Y	
Arrangement of equipments for roads clearance	Y	
List of dealers for building materials	Y	

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Promotion/training of people on retrofitting/resistance building	N	
Plan for vulnerable reduction	Y	
Coordinating with others.	Y	

### 9. CHECKLIST FOR DISTRICT AGRICULTURE OFFICER

PREPARED ACTION TAKEN	Y/N	REMARK
List of different areas to be affected by different hazards	Y	
Crop pattern with land holding	Y	
List of irrigation point with status	N	
Alternative crop	Y	
Train for food preservation and protection	Y	
Assessment of damage	Y	
Provision of seeds and others	Y	
Helping in raising of community nursery for seedling.	Y	

### 10. CHECKLIST FOR DISTRICT VETERINARY OFFICER

PREPARED ACTION TAKEN	Y/N	REMARK
Animal population with categories	Y	
Possible problems related to different hazards	Y	
Dealer of feeds/fodder	Y	
List of cow shed	Y	
Site camps for volunteers	Y	
Programme for mass vaccination	Y	
Train the Task Forces to use of medicines	Y	Field workers are trained in use of medicines

Coordinating with others	Y	
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**6.6 CHECKLISTS: DO'S AND DON'TS**

**A) Operational Guidelines of what to do in the event of a Flood.**

Do's	Don'ts
PRE – DISASTER	
Individual	Donts walk through flowing water.
Know the route of the nearest safe shelter	Don't spread rumors. Get authentic data and then announce it
First Aid Kit should be ready with extra medicines for snake bite and diarrhea.	Donts drive through flood area
Tie up all valuables at the top of the roof	Never turn on ceiling fixture if ceiling is wet.
Radio with extra batteries, torch, ropes to be kept ready	Never turns on Electrical equipment.
Store dry ration, kerosene, biscuits, baby food for at least 7 days	
Water proof bags, polythenes to store clothes and valuables	
Be ready with umbrella & bamboo sticks (To protect yourself from snake	
Identify a highland/mound for the cattle & have sufficient fodder for them	
As soon as you receive warning tune to the local news in the radio/TV for the latest update	
Check your emergency kits	
If you have to evacuate pack clothes, essential medicines, valuables, personal papers in a water proof bags	Don't go into water of unknown depth and current.
Inform the DMT member to the place that you are	

shifting to	
Raise furniture and appliances to a higher place	
Switch off all electrical appliances	
Put sandbags in the toilet bowl and cover all sewage backflow	
Lock your house and take the route suggested	
Don't go into water of unknown depth and current.	

**Government Preparedness:**

- Update all the resource inventory
- Control room should be functional for 24 hours
- Identify all the shelter places where people could be evacuated
- Activate all the First Aid and the Rescue & Evacuation team
- See to it that there is no blockage in the flow of the river
- Ascertain the availability of dry food, drinking water & medicines
- Ascertain the fodder availability for cattle
- Mobilize boats, vehicles which will help in evacuation and rescue operation and also in the distribution of relief
- Prior storage of food grains in the vulnerable pockets
- Identify the relief centers
- Inspect, strengthen and repair all the approach roads and culverts
- Provide mobile wireless sets the villages likely to be cut off
- Arrange adequate hand pumps where wells are likely to be inundated
- Liaison with army, Navy etc
- Prepare maps of alternate route, resources available

**During Disaster:**

**Individual**

- Drink boiled water or put halogen tablets
- Keep food covered. Don't take heavy meals and eat food that is hot
- Use raw tea, rice water, coconut water during diarrhea
- Be careful of snakebites
- Don't let children stay in empty stomach
- Avoid entering flood water. Stay away from water which is above knee depth.

**Government:**

- Carry out rescue and evacuation

- Operation of control room and provide warning update
- Provide relief materials
- Mobilizing resources like boat, dry food, temporary shelter
- Ensuring the availability of medicines, drinking water, tankers etc
- Coordination at various levels and agencies
- Mobile health units to be made available
- Damage assessment of life, livestock, crop and livelihood.

### **Post Disaster:**

#### **Individual**

- Listen to the latest flood bulletin before moving from the shelter place
- Use recommended routes to return back
- Dry all electrical equipments before using it
- Avoid touching any loose wire
- Beware of snake bites
- Clean the house and disinfect the surrounding by using bleaching powder

#### **Government:**

- Rescue people who are stranded
- Restore roads and power supply
- Provide safe drinking water
- Check outbreak of any epidemics
- Mobile health teams to be mobilized
- Take the help of the NGOs
- Carry out damage assessment
- Ensure that adequate, timely and speedy credit is available to the farmers for purchasing agricultural inputs and cattle

### **B) Operational Guidelines of what to do in the event of a Cyclone.**

#### **Pre Disaster**

##### **Individual**

- Listen to the weather report in radio/TV and if possible disseminate the information to the local people
- Move cattle to high land
- Store adequate food grains, water medicines, kerosene, lantern, matchbox, dry cell
- Keep important papers in the emergency kit
- Keep doors & windows locked and if damaged get it repaired
- Make sure that proper diet is carried for children and old people
- Keep the list of important address and phone number like police, Block Dev. Officer, relatives residing outside that particular place
- Conduct mock drill for yourself and be calm

##### **Government:**

- See to it that there is no blockage in the drainage system
- Make the Control room functional for 24 hours
- Keep sufficient food grains in the areas likely to be cut off
- Resource inventory mainly of boats, vehicles for evacuation and providing relief to be maintained
- Health departments to be set up mobile health units in the vulnerable pockets likely to be cut off
- Identify the safe cyclone shelters and the route chart for evacuation
- Identify First Aid and Rescue teams
- Ascertain the fodder availability for cattle
- Identify relief centers
- Inspect, strengthen and repair all approach roads and culverts
- Provide mobile wireless sets likely to be cut off
- Liaison with the Army, Navy etc

### **During Disaster:**

#### **Individual**

- Listen to the radio/community warning system for further details
- Close all doors and windows and stay indoors
- Paste papers on the glass windows to prevent splinters flying into the house
- Keep food items and cloths in water proof bags
- Don't venture into the sea
- Wear warm cloths for protection
- Avoid being misled by rumors. Disseminate information that is only official
- Stay away from low lying areas, electric poles, trees
- Switch off all electrical appliances

#### **Government:**

- Evacuate people to the cyclone shelters immediately
- Arrange a patrolling group who would take care of the property left by the people
- See to it that all vehicles are stopped
- See to it that there is enough food stock, drinking water and common medicines
- Announce the latest bulletin to the community at periodic interval

### **Post Disaster:**

#### **Individual**

- Don't move out until officially informed
- Use the recommended route for returning
- Check whether there is a gas leak before using the stove
- Dry electrical appliances thoroughly before use
- Get oneself inoculated against diseases immediately at the nearest hospitals and seek medical **help**
- Be careful of snake bite
- All debris should be cleared
- Damage assessment to be done

#### **Government: Do's**

- Rescue and evacuation process to be initiated immediately for those who are stranded
- Restore roads and power supply
- Provide relief and safe drinking water to the affected population
- Check outbreak of any epidemics
- Mobile health units to be mobilized
- Help from voluntary organizations may be welcomed
- Damage assessment to be carried out

### **Don'ts**

- Don't keep loose objects like cans, tins outside
- Don't spread rumors
- Don't stay indoors if asked by the authorities to evacuate
- Don't venture out
- Don't touch loose wires

### **Operational Guidelines of what to do in the event of a Earthquake**

#### **Pre Disaster**

##### **Individual**

- Shelves for bookcases etc should be fixed to the walls. Remove heavy objects from shelves above head level as these can topple over and fall
- Locate beds away from the windows and heavy objects that could fall
- Secure applications that could move, causing rupture of gas or electrical lines. Know location of master switches and shut off valves
- Make sure that overhead lightening fixtures are well secured to the ceiling & more heavy unstable objects away from exit routes
- Replace glass bottles with plastic containers or move them to the lowest shelves
- Be aware that with a severe EQ all services such as electric, water will probably be down. Emergency services may be extremely limited for few days.
- Store emergency supplies like water, food, first aid kit, medicines, tools, portable radio, flash light, batteries, blankets, fire extinguisher etc.

##### **Government:**

- Whether preparation of maps on earthquake prone areas done.
- Analysis of seismic risk & zonings for general purposes to be carried out
- Development of seismic codes of design & construction of various structures enforced
- Training of engineers & architects in earthquake engineering principles & use of codes
- Development of simple methods for upgrading the seismic resistance of traditional non-engineered construction and their dissemination to the common builders and owners by mass communication media, demonstration etc.
- Awareness to the community residing in the earthquake prone areas.

#### **During Disaster:**

##### **Individual**

- Keep calm & help others to be calm
- Try to run safely to a nearest open space which is not surrounded by buildings, trees etc but do so with great cautiousness
- Do not use an elevator during the earthquake & do not rush to the roof of the house.
- Choose your exit as carefully as possible
- Once you feel it not possible to get out of the house/building fastly & safely, especially when you are inside a high rise building stay inside calmly
- While inside the house /building, choose a safe place to protect yourself take a shelter under a desk , table , bed or stand below the doorway( in case of an Assam type)
- If you are moving in a vehicle, move immediately to a place which is away from buildings, structures, bridges, electric lines etc & stop the vehicle there. Remain inside the car till the EQ stops
- Do not light candles, gas stove, and cigarette (to prevent any fire from possible leakage of gas.
- Close your gas connection
- Free all your pets, domestic animals etc
- Though the shaking of the ground is frightening do not panic
- Turn your radio on.....

### **Post Disaster:**

#### Individual

- Check yourself for injuries
- Examine all sections of your building & ensure that your building is not in danger of collapsing
- Get everyone of your house if it is found unsafe
- Use a helmet or cover your head with a pillow or rubber sheet while moving around inside the building
- Be prepared for additional earthquake shock called “after shock”
- Stay away from hanging portions of buildings etc and power electric lines and poles
- Close the valve of the gas cylinder and do not use open flames
- Do not switch on electric appliances if gas leakage is suspected
- Wear shoes while moving around
- Attend to injured person and inform the medical authorities as fast as possible
- If you are trapped inside a collapsed building, wait patiently for help. Remain calm and try to develop confidence
- Use a pipe or bamboo to detect any life inside a collapsed building.
- Do not spread rumours
- Turn on your radio

#### **Government:**

- Areas affected should be cordoned off
- Affected people should be shifted to safe shelter places that has been identified
- Make arrangement for burning dead bodies and animal carcass
- Mobile health teams to be activated
- Clean the roads blocked.

## CHAPTER VII

### Annexure

**7.1 District Disaster Management Committee**

(Please find in Annexure – 1)

**7.2 Office in the District**

(Please find in Annexure – 2)

**7.3 Traders**

(Please find in Annexure – 3)

**7.4 Earth moving and Road cleaning Equipment**

(Please find in Annexure – 4)

**7.5 Alternative Engery Sources**

(Please find in Annexure – 5)

**7.6 List of Police Stations**

(Please find in Annexure – 6)

**7.7 List of Block Nodal Officer and Master Trainers**

(Please find in Annexure – 7)

**7.8 List Of Fire Stations**

(Please find in Annexure – 8)

**7.9 List of CHCs/PHCs**

(Please find in Annexure – 9)

**7.10 List of BDOs**

(Please find in Annexure – 10)

**7.11 List of Helipads identified for rescue and relief work**

(Please find in Annexure – 11)

**7.12 List of imp tele nos of disaster management rooms**

(Please find in Annexure – 12)

**7.13 List of Medical Control Room in the District**

(Please find in Annexure – 13)

**7.14 List of Medicine earmarked for relief**

**(Please find in Annexure – 14)**

**7.15 List of Remote Villages in the District-Flash flood**

**(Please find in Annexure – 15)**

**7.16 List remote villages Of Landslide**

**(Please find in Annexure – 16)**

**7.17 Village level Disaster management Committee**

**(Please find in Annexure – 17)**

**7.18 Communication Facilities**

**(Please find in Annexure – 18)**

**Maps**

- **Administrative Map of West Garo Hills included South West Garo Hills, District**
- **Road Map of Garo Hills**
- **Hazard Map**
- **Risk and Vulnerability Map**

**ANNEXURES**

***Annexure 1: District Disaster Management Committee***

**WHO FORMULATES & CARRIES OUT THE PLAN & WHEN – DDMC**

DISTRICT DISASTER MANAGEMENT COMMITTEE has been formed under the Chairmanship of District Collector to evaluate the Disaster Preparedness for different type of Calamities at different times over a year that may occur. The Committee is the Pioneer Committee in the District to take stock of the situation, monitor routine preparedness, suggests improving response mechanism and develops a document for disaster management in the District. The Committee members are as follows:

**ANNEXURE-1**

**CONTACT DETAILS OF OFFICERS CONNECTED WITH DISASTER MANAGEMENT  
SOUTH WEST GARO HILLS**

Sl. No.	Name & Designation of the Officer	Contact No. (Mobile/Office No./Fax No.)	Email ID
1.	Shri. Ram Singh, IAS Deputy Commissioner, South West Garo Hills.	9485034201	<a href="mailto:sdoampati@yahoo.com">sdoampati@yahoo.com</a>
3.	Smt. H. D. B Sangma, MCS Addtl. Deputy Commissioner, South West Garo Hills.	9436112792	<a href="mailto:sdoampati@yahoo.com">sdoampati@yahoo.com</a>
4.	Shri. P.K. Boro, MCS Addtl. Deputy Commissioner, South West Garo Hills.	9436106577	<a href="mailto:sdoampati@yahoo.com">sdoampati@yahoo.com</a>
5.	Smt. M.T. Sangma, MCS Addtl. Deputy Commissioner, South West Garo Hills.	8730020841	<a href="mailto:sdoampati@yahoo.com">sdoampati@yahoo.com</a>
6.	Shri Ramesh Singh, IPS Superintendent of Police, South West Garo Hills.	8144055488	
7.	Shri. R.R. Marak, MPS Addtl. Superintendent of Police	9862765395	
8.	Smt. W.R.G Momin, MCS Extra Assistant Commissioner, South West Garo Hills.	9862179249	<a href="mailto:sdoampati@yahoo.com">sdoampati@yahoo.com</a>
9.	Smt. D. A Sangma, MCS Extra Assistant Commissioner, South West Garo Hills.		<a href="mailto:sdoampati@yahoo.com">sdoampati@yahoo.com</a>

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10.	Miss. F. Boro, MCS Extra Assistant Commissioner, South West Garo Hills.	9402507220	<a href="mailto:sdoampati@yahoo.com">sdoampati@yahoo.com</a>
11.	Shri. R. Ch. Momin, MCS Block Development Officer, Zikzak Dev. Block, South West Garo Hills.	9436113368	<a href="mailto:Reuben_momin@yahoo.com">Reuben_momin@yahoo.com</a>
12.	Shri. A. G. Momin, MCS Block Development Officer, Betasing Dev. Block, South West Garo Hills.	8415005063	<a href="mailto:albertgmomin@gmail.com">albertgmomin@gmail.com</a>
13.	Shri. Debojit Koch, Assistant District Project Officer, South West Garo Hills.	9402305902	<a href="mailto:adposwgh@gmail.com">adposwgh@gmail.com</a>
14.	Dr. Khona A Sangma District Medical & Health Officer, Ampati	9436114426	
15.	Smt Sadina Sangma D.P.R.O . Ampati	9435322511	
16.	Sri A.G. Momin D.A.O. Ampati	9436114407	
17.	Shri B. Thomgn Executive Engineer (PWD) Roads	9436111309	
18.	Sri George W. Momin Supt. Of Fisheries	9615730715, 7085622079	
19.	Smt. W. A. Sangma DS & WCO, Ampati	9856084447	
20.	Sri. S.K. Marak D.T.O. Ampati		
21.	Sri P.A. Sangma AEE PWD( R)	9615992801	
22.	Smt I. A. Sangma A.E.O. Ampati	8014242412	
23.	Sri F.O. N. Sangma AEE PWD (Roads) Garobadha	9436306155	
24.	Sri S.N. sangma D.S.E.O, Ampati	9436731665	
25.	Sri S.P. Marak , BADO, Ampati	9862587024	24.

***Annexure 2: Offices in the District***

Sl No.	Name of Department	Address
1.	Superintendent of Police	Ampati
2.	Divisional Forest Officer (DFO) Social Forestry Division,	Ampati
3.	Conservation Forest Department	Tura
4.	District Forest Office, Teritorial	Tura
5.	District Agriculture Department	Ampati
6.	District Horticulture Department	Ampati
7.	District School Education department	Ampati
8	Block Development Office, betasing/zikzak	Betasing / Zikzak
8	Sub-divisional school Education office	Ampati
10	District Employment Exchange office	Ampati
11	District Social Welfare department	Ampati
12	District Programme office	Tura
13	District Information & Public office	Ampati
14	Executive Engineer ,PWD (Roads)	Ampati
15	Executive Engineer,PHE	Ampati
16	Asst. Executive Engineer, MeECL	Ampati
17	District Medical & Health office	Ampati
18	District Fisheries Department	Ampati
19	District AH & Vety Department	Ampati
20	Chiil Devepolment project, dept	Betasing/Zikzak
21	District Statistical Department.	Ampati
22	District Transport Departmernt	Ampati
23	District Handloom & Weaving Department	Ampati
24	District Sport Office	Ampati
25	Disrict Commerce Industries Centre	Ampati
26	Boarder Area Development Dept.	Ampati/Kalaichar
27	Deputy Labour Inspector	Tura

***Annexure 3: Traders***

Type of Traders	Contact person and address	Telephone Office/ Res.	Remarks
Food item Supplier	M/S Gautom Prasad	Tura, WGH	
Food item Supplier	M/S Pawan Ray	Tura, WGH	
Food item Supplier	M/S Kasinath Prasad	Tura, WGH	
Stationery Materials	M/S Nandalal Barman	Ampati, SWGH	

***Annexure 4: Earth moving and Road cleaning equipments***

Type of Equipment	Contact person and address	Telephone Office/ Res.	Govt/ Private	Remarks
JCB-2 nos	Sanjay Koch, Vil- Taktaki	9402305902	Private	
JCB 2 nos	Manas Koch, vil- Kumligao	9402305902	Private	
JCB 2 nos	Ranjit Prasad, vil mahendraganj		Private	

***Annexure 5: Alternate Energy Sources***

Type of Sources	Contact Person & Address	Location	Telephone nos
Bio Gas	NA	Mahendraganj	
Generator	NA	Mahendraganj	
Pump sets	NA	Mahendraganj	
Solar Energy Cell	NA	Mahendraganj	

**Annexure 6: Police Stations**

Sl. No.	Police Station	Name of the Block (Location)	Staff Available						Contact No.
			Insp	SI	H/C	Cnnst	Swp	Tota	
1	Ampati Police Station	Ampati	3	6					
2	Garobadha P/S	Garobadha	Nil	2					
3	Mahendraganj	mahendraganj	1	3					
4.	Kalichar Out post	Kalaichar	Nil	1					
6.	Zikzak check post	Zikzak	Nil	1					
7.	Garodoba check post	Garodoba	Nil	1					
8.	Munabari out post	Munabari	Nil	2					
9.	Rangsakona check post	Kasiil	Nil	1					
10.	Purakashia Out post	Purakasia	Nil	1					
11.	Nirghine Check post	Betasing	Nil	1					
12.	Meliem out Post	Meliem	Nil	1					

***Annexure 8: Fire Station Information:***

Sl. No.	Name of the fire station	Telephone Number	Disposition of Vehicle & Pumps	Disposition of Man Power.
			WIP FT JPE PP	SSO SO Sub.Off 4FM FM D/FM Mech MM SWP Total
1.	Ampati Fire Station	8732849310		
2	Mahendraganj Fire Station			
3	Gaobadha Fire Station			

***Annexure 11: HELIPAD IDEN FOR RESCUE AND RELIEF WORK – DIST***

Ser No	Sub Div/Blocks	Grounds iden for construction of helipads (MI-17)
1	Ampati Indoor Palyground	
	Betasing Block Palyground	
2	Garobadha Playground	
3	Manchachar Kamakhya playground	
4	Nogorpara Playground	
5		

**Annexure 12: IMP TELE NOS OF DISASTER MANAGEMENT ROOMS**

Ser No	Disaster Management Control Room	9402305902,
1	District Emergency Operation Center	08993721656, 08993721702
2	Deputy Commissioner s Office	8135873854
3	Deputy Commissioner s Chamber	8135873854
4	Deputy Commissioner s Bunglow	
5	CEO/ADC s, DDMA	

**Annexure 13: MED CONTROL ROOMS TO BE EST IN DIST**

Ser No	Name of the Block	Name of the Contact Pers	Tele No
1	Betasing Block	Dr. Khona A. Sangma	9436114426
2	Betasing Bolck	Dr Lydia	9436731012,
3.			

**Annexure 14: MEDICINES AND MEDICAL EQUIPMENTS EARMARKED FOR DISASTER RELIEF OPS**

Name of the Block	Paracetamol	matronidazole	Septorone	BB lotion (bot)	Bleaching powder (it)	Dettol (it)	Phenyl	Bellodone	Halozone	ORS (Pkt)	RL	N Saline (Bot)	Oxygen	AVS
Betasing PHC	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Ampati PHC	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Garobada PHC	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Mahendarganj CHC	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Zikzak PHC	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>Total</b>														

**Annexure 15: REMOTE AND VULNERABLE VILLAGES/Areas: For Flood**

SL No.	Sub Div/Blocks	Remote/Vulnerable Villages	Population
1.	Zikzak Block	Jigatolpara	
2.		Patijhora	
3.		Lutobari	
4.		Bhirakupi	
5.		Pagalapara	
6.		Magurmari	
7.		Kalaichar	

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8.		Mahendraganj	
9.		Purakasia	-
10.		Majerchar	
11.		karipara	
12.		Dufurigaon Koch	
13.		Phulijhori	
14.	<b>Betasing bolock</b>	Ampati Bajar	
15.		Betasing Bajar,	
16.		Garobadha	
17.		Harigaon	
18.		Tangabari	
19.		Tepolpara	
20.		Gandhiparo	
21.		Puthimari	
22.		Baispara	
23.		Boiragipara	
24.		Rnagatari	
25.		Thuranbari	
26.		Jolgaon	
27.		Latrigre	
28.		Karugaon	
29.		Purasinga	
30.		Kumligaon	
31.		Taktaki	
32.		Latri gao Koch	
33.		Sulguri	
34.		Nirghini	

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35.		Donigaon	
36.		Bainapara	

***ANNEXURE 16 : REMOTE AND VULNERABLE VILLS/Areas: For Landslide***

SL No.	Sub Div/Blocks	Remote/Vulnerable Villages	Population
1.	Zikzak Block	Salmanpara	
2.	Zikzak Block	Boldakgri	
3.	Zikzak Block	Chepagri	
4.	Zikzak Block	Meghapgre	
5.	Zikzak Block	Boldamgri	
6.	Zikzak Block	Anagpara	
7.	Zikzak Block	Purakasia	
8.	Zikzak Block	GopinathkillA	
9.	Zikzak Block	Darugre	-
10.	Zikzak Block	Sokbokgre	
11.	Zikzak Block	Jangre	
12.	Zikzak Block	Bangdapara	
13.	Zikzak Block	Santogree	
14.	<b>Betasing bolock</b>	Banduraja	
15.	<b>Betasing bolock</b>	Arenggre	
16.		Bainapara	
17.	<b>Betasing bolock</b>	Chigitcakgree	
18.		Hatisil	

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19.	<b>Betasing bolock</b>	Taktaki	
20.		Baladingre	
21.	<b>Betasing bolock</b>	Murchapani	
22.		Jelbongpara	
23.	<b>Betasing bolock</b>	Jonchetpara	
24.		Dalbotpara	
25.	<b>Betasing bolock</b>	Nepalgre	
26.		Bolchugre	
27.	<b>Betasing bolock</b>	Murcapani	
28.		Domniigaon	
29.	<b>Betasing bolock</b>	Rangsakona	
30.		kasibil	
31.	<b>Betasing bolock</b>	Bollongitok	
32.		Rongsangabagri	
33.	<b>Betasing bolock</b>	Godalgre	
34.		Bandalkona	
35.	<b>Betasing bolock</b>	Misikona	
36.		Gildinggre	
37.	<b>Betasing bolock</b>	Josipara	
38.		Sonamati garo	

***Annexure 17 : Village level Disaster Management Committe***

<b><i>Sl no.</i></b>	<b><i>Name of village</i></b>	<b><i>Nos of member</i></b>
	<i>Jigatolpara</i>	<i>11</i>
	<i>Patijhora</i>	<i>11</i>
	<i>Lutubari</i>	<i>11</i>
	<i>Bhoirakupi</i>	<i>11</i>
	<i>Ganggikona</i>	<i>11</i>
	<i>Pagalapara</i>	<i>11</i>
	<i>Radanpara</i>	<i>11</i>
	<i>Nogorpara</i>	<i>11</i>

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	<i>Kangkanggiri</i>	<i>11</i>
	<i>Ponchapara</i>	<i>11</i>
	<i>Ronkaigiri</i>	<i>11</i>
	<i>Nokatgri</i>	<i>11</i>
	<i>Wagepara</i>	<i>11</i>
	<i>Hulokona</i>	<i>11</i>
	<i>Nokatgri</i>	<i>11</i>
	<i>Dolsigri</i>	<i>11</i>
	<i>Danganatong</i>	<i>11</i>
	<i>Marengpara</i>	<i>11</i>
	<i>Sajangpara</i>	<i>11</i>
	<i>Gopinathkilla</i>	<i>11</i>
	<i>Durapara</i>	<i>11</i>
	<i>Bakdagri</i>	<i>11</i>
	<i>Rapangpanggri</i>	<i>11</i>
	<i>Gujangpara</i>	<i>11</i>
	<i>Dinapara</i>	<i>11</i>
	<i>Bonbanga</i>	<i>11</i>
	<i>Bidukora</i>	<i>11</i>
	<i>Tarapara</i>	<i>11</i>
	<i>Maluapara</i>	<i>11</i>
	<i>Nachilpara</i>	<i>11</i>
	<i>Boldakgri</i>	<i>11</i>
	<i>Mondolpara</i>	<i>11</i>
	<i>Tewaligri</i>	<i>11</i>
	<i>Domapara</i>	<i>11</i>
	<i>Bolcugre</i>	<i>11</i>
	<i>Anangpara</i>	<i>11</i>
	<i>Ancheng</i>	<i>11</i>
	<i>Majerchar</i>	<i>11</i>
	<i>Daspara</i>	<i>11</i>
	<i>Megapgri</i>	<i>11</i>
	<i>Santogre</i>	<i>11</i>
	<i>Dimiligre</i>	<i>11</i>
	<i>Kazipara</i>	<i>11</i>
	<i>Pitelipara</i>	<i>11</i>
	<i>Bagicha</i>	<i>11</i>
	<i>Aningpara</i>	<i>11</i>
	<i>Dufrigaon</i>	<i>11</i>
	<i>Rakhaldhubi</i>	<i>11</i>
	<i>Kamarpara</i>	<i>11</i>
	<i>Phuljuri</i>	<i>11</i>
	<i>Bollongree-a</i>	<i>11</i>
	<i>Chapahati-1</i>	<i>11</i>
	<i>Dorgapara</i>	<i>11</i>
	<i>Doromchas</i>	<i>11</i>
	<i>Rimtangpara</i>	<i>11</i>
	<i>Salmanpara</i>	<i>11</i>
	<i>Jangre</i>	<i>11</i>

**Annexure 18 : Communication Facilities:**

All Block Headquarters are communicated from the District Headquarter, Ampati through Landline/ DSPT service available in Branch located under the Office of the Deputy Commissioner, South West Garo Hills, Ampati, to the respective Blocks. Wireless service (MPRO), under the Office of the DC and SP office, Ampati is also available which covers almost the entire Block Headquarters. In some Blocks telephone connectivity and mobile service is also available.

The latest mode of communication like use of mobile phones,WLL,AIR,wireless communication are propose to be use in the plan to cover the entire District.

Sl. No	Communication facilities	Location under	Contact Person	Tele No.
1	Internet facilities	DIO,NIC,O/o Deputy Commissioner Office	DC/PA	8135873854
2	Internet facilities	DDMA & EOC	ADPO, Ampati	9402305902, 8993721702
2	W.T. Message			

**Schedule for updating plans**

Plans	Updating Time
District Disasters Management Plan	January and June
Line Departments Disasters Management Plan	Feb to March



HAZARD MAP OF WEST GARO HILLS

LEGEND

-  CD BLOCKS
-  TURA, DIST HEADQUARTER
-  FLOOD PRONE AREA
-  CYCLONE PRONE AREA
-  LANDSLIDE PRONE AREA

