GOVERNMENT OF NAGALAND HOME DEPARTMENT NAGALAND STATE DISASTER MANAGEMENT AUTHORITY

DISTRICT DISASTER MANAGEMENT PLAN TSEMINYU





PREPARED BY:
DISTRICT DISASTER MANAGEMENT AUTHORITY
TSEMINYU: NAGALAND

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Chapter-1 The Context

1.1 INTRODUCTION

A disaster is an unsolicited event caused by forces largely beyond human control that strikes abruptly and without warning, causing or threatening major disruption of life and property, including injury and, in extreme cases, loss of life. Disasters take many shapes. Human-made disasters result from human errors and include industrial explosions or structure failures. Natural disasters result from physical phenomena and include earthquakes and droughts. Disasters classified as complex can include epidemics or armed conflicts. In whatever form, disasters disrupt communities and can take a serious toll on people, property, economies, and the environment. They often stretch a community's capacity to cope.

Disaster management is a process of effectively preparing for and responding to disasters. It involves strategically organizing resources to lessen the harm that disasters cause. It also involves a systematic approach to managing the responsibilities of disaster prevention, preparedness, response, and recovery.

Natural catastrophes have always presented a problem for Nagaland. Thus, as part of the overall preparedness of the state, the Government of Nagaland has a State Disaster Management Action Plan to support and strengthen the efforts of the District Administration. In this context, the District Disaster Management Plan (DDMP) as a means to raise awareness and also aid in the workings of the District Administration towards a disaster-resilient district.

1.2 PLAN CONSIDERATIONS

Keeping in mind the present scenario of the district, where there is a lack of integrated strategy to address a disaster and much of the responses are spontaneous without any pre-planning, the key objective has been to generate an integrated disaster management plan to assist in timely administrative intervention in the case of a disaster.

Following are some key points that have been considered in the preparation of the plan:

- 1. To keep the Plan document short and precise to be understood by all
- 2. Strategy for integration of responses has been formulated
- 3. Mitigation, prevention and preparedness aspects have been adequately addressed
- 4. Separate plans for each disaster may result in considerable duplication/repetition since most tasks and actions before and following a disaster are common at the district level, a multi-disaster approach has been formulated (all disasters covered by one plan) while developing the Disaster Management Plan for Tseminyu district.

1.3 PURPOSE

By defining the risks and vulnerabilities of the district's residents to various disasters and by identifying the private and public sector parties with primary and supporting responsibilities to reduce or negate these vulnerabilities, this document provides the fundamental information needed for the management of disasters in Tseminyu District.

- Outlines the steps that should be taken by the primary and supporting parties to prevent or lessen the effects of potential disasters in the district
- The roles and duties of these parties in response to certain disasters are described in subsidiary plans
- Standard Operating Procedures (SOPs), which describe how certain disaster response actions would be carried out, would be used to construct these plans
- Parties given primary or supporting duties under this strategy are responsible for creating and maintaining SOPs

1.4 DISASTER MANAGEMENT STRUCTURE

Together with the line departments and other district organisations, the Deputy Commissioner is in charge of creating and updating the district's Disaster Management Plan.

The plan should be reviewed and revised on a yearly basis in response to:

- Significant changes in the nature of any hazard
- Lessons learned following any major disaster; or
- Significant changes in the organization or roles of the primary members of the task forces identified in the plan.

CHAPTER-2 DISTRICT PROFILE

2.1 INCEPTION

Tseminyu, branded as a "Historical district", was formed by bifurcating Kohima district and is the home of the Rengma Nagas. It was created as the 13th district out of the 16 districts in Nagaland, on 18th December, 2021 and officially inaugurated on 24th February, 2022. The district has a total population of 63,269 with urban population making up 11.1% of the total (2011 census). The district includes 39 villages and 3 unrecognized villages. According to 2011 census, the district has a literacy rate of 81.71% with a sex ratio of 1022. The district at present has two administrative headquarters namely Tseminyu and Tsogin, one notified township-Tseminyu, and two RD Blocks- 1) Tseminyu RD Block and 2) Chunlikha RD Block. The district covers a geographical area of approximately 256 square kilometres. Tseminyu District shares boundaries with Wokha on the North, Zunheboto on the East, Niuland on the West, and Kohima on the South. The district has a lone Assembly Constituency, the 12th Tseminyu AC.

2.2 LOCATION AND TOPOGRAPHY

Tseminyu District HQ is located 50 km away from the State capital. National Highway-2 passes through the district, traversing a length of approximately 50 km. Situated at an average altitude of 1261 metres above mean sea level, with mostly hilly terrain and a sub-tropical climate, Tseminyu has a generally cool and pleasant climate throughout the seasons. The nearest district is Wokha town at a distance of 30 kilometres to its North followed by Kohima. The nearest airport and railway station is in Dimapur, located south-west of Tseminyu at a distance of about 100 kilometres. The district boasts of a 'Sendenyu Community Biodiversity & Wildlife Reserve' located at Sendenyu village- a community initiative for nature conservation since 2001. With a demarcated area of 18 square kilometres, the flora and fauna rich reserve managed by the Sendenyu community has gained widespread acclaim, including multiple awards. The average elevation of the district is 1070 m with a maximum elevation of 1,625 m and a minimum elevation of 724 m.

2.3 ADMINISTRATIVE DIVISION

The Deputy Commissioner (DC) at Tseminyu heads the district. There are 2 administrative circles, each headed by either a Sub-Divisional Officer (Civil) or an Extra Assistant Commissioner (EAC).

TABLE (i): ADMIN CIRCLE

Sl. No	Admin Circle
1.	Tseminyu Circle
2.	Tsogin EAC Circle

TABLE (ii): LIST OF VILLAGES/TOWN: ADMINISTRATIVE SUB-DIVISION/ CIRCLE

Sl no.	BLOCK	AREA/RANGE	VILLAGE
1.			1. KANDINU
			2. SISHUNYU
		KANDI	3. K. STATION
		KANDI	4. TSONSA
	RD BLOCK CHUNLIKHA		5. EHUNNU
			6. YIKHANU
2.			7. NSUNYU
		KITHAGHA	8. CHUNLIKHA
			9. LIKHWENCHU
3.			10. SEWANYU
			11. TESOPHENYU
		TESOPHENYU	12. TESOPHENYU
			NEW
			13. ZIPHENYU
4.			14. TSEMINYU
			15. TSEMINYU
		TSEMINYU	SOUTH
			16. ZISUNYU
		ISEMINIC	17. NGVUPHEN
			18. GUKHANYU
	RD BLOCK		19. PHENDA
	TSEMINYU		20. TSONZUPHEN
5.			21. TEROGVUNYU
			22. TEROGVUNYU
		KASHA	NEW
		13/13/11/1	23. HENBENJI
			24. KASHANYU
			25. KASHANYISHIN

			26. PHENWHENYU
			27. GUJU
	6.		28. KHONIBINZU
6.			29. SENDENYU
		SENDENYU	30. NEW SENDENYU
		SENDENTU	31. THONGSUNYU
			32. LOTSUPHEN
		TSOGIN	33. LOGWESUNYU
			34. TSOSINYU
			35. GWACHONLO
			36. RENGMAPANI
7.			37. PHENTOJEN
			BAMBOO MODEL
		PKR	38. PHENSHUNYU
			39. KHENYU
			40. RUMESINYU

2.4 LIST OF DEPARTMENTS UNDER TSEMINYU DISTRICT

TABLE (iii): DISTRICT HEADS/OFFICERS OF DEPARTMENTS IN TSEMINYU AS OF SEPTEMBER, 2023

SL. NO.	NAME	GEN DER	DESIGNATION	DEPARTMENT	CONTACT
1a	Dr. Tinojongshi Chang, NCS	М	Deputy Commissioner	District Administration	9862 678 400
1b	Longasen Lotha, NCS	М	Additional DC	District Administration	8732 094 903
1c	Kemciyilie, NCS	М	SDO (Civil)	District Administration	7005 263 994
1d	Ruokuosetuo Tetso, NCS	М	EAC, Hq.	District Administration	7085 961 147
2	Vilhouhunuo Sachu	F	District Planning Officer	Planning	8119 072 215
3a	Tali Imchen, NPS	М	SP	DEF	9436 830 254
3b	Lanu Aier, NPS	М	Addl. SP	DEF	9862 041 339
3c	Khuzah Jurry, NPS	М	SDPO	DEF	7005 225 102
3d		М	UBI, OC, PS	DEF	9615 588 376
3e	Chonkholen Doungel	М	UBSI, 2 nd OC, PS	DEF	9615 627 061
4	Neitso Seyie	М	Assistant Commandant	4 th NAP B COY'	7005 306 918
5a	Er. Kughaho Zhimomi	М	Executive Engineer	PWD (R&B)	7085 288 954
5b	Er. Antony Inato Z Sumi	М	SDO	PWD (R&B)	8837 033 370
5e	Er. Vikishe S. Awomi	М	JE	PWD (R&B)	8974 266 052
6a	Shri. Razuo Lohe	М	SDO	PWD (NH)	
6b	Er. Kaso Seb	М	JE	PWD (NH)	
7a	Dr. John Kent	М	SMO, CHC Tseminyu	H & FW	8732 820 873
7b	Dr. Vijoho Sakhrie	М	MO, CHC Tseminyu	H & FW	8787 759 500
7c	Dr. Dikhan Kath	М	Dentist, CHC Tseminyu	H & FW	7005 717 366
7d	Dr. Neiphrelie	М	Dental Surgeon	H & FW	9402 029 519
7e	Dr. Meriyeni R Ovung	F	MO, PHC Chunlikha	H & FW	8258 986 414

7f	Dr. Victoria Seb	F	MO, PHC Tesophenyu	H & FW	7005 607 183
7g	Dr. Cheyale Kath	F	MO, PHC Chunlikha	H & FW	7005 256 748
7h	Dr. Hyunilo Tep	М	AYUSH, PHC Chunlikha	H & FW	8414 849 828
7i	Dr. Jacinta Magh	F	AYUSH, Tseminyu Town	H & FW	6009 954 264
7j	Dr. Felicita Magh	F	AYUSH, Kandinu	H & FW	9366 417 561
7k	Dr. Chenole Magh	F	AYUSH, Rumensinyu	H & FW	8638 934 828
8a	Dr. Imomanen Tzudir	М	Chief Veterinary Officer	AH & VS	8729 935 905
8b	Dr.	М	Deputy CVO	AH & VS	
8c	Dr. Gwathonlo Tsela	М	VAS	AH & VS	8729 977 791
8d	Dr. Kevisenuo Evalyn Vizo	F	VAS	AH & VS	7578 870 157
8e	Dr. Kekhrietsolie Keyho	М	VAS, Sendenyu	AH & VS	7012 140 052
9a	Gwayhunle Tep	F	SDEO/DEO	School Education	
9b	Chegeseng Kath	М	Area Education Officer	School Education	9436 821 412
10	Hechulo Semy	М	Principal, GHSS	School Education	7085 754 683
11a	Dr. Ruokuovilie Mezhatsu	М	Senior Scientist & Head	KVK	8787 658 733
11b	Dr. Paihem Michui	F	Asst. CTO (Vety & AH)	KVK	9612 916 894
11c	Dr. Martina Shitiri	F	Asst. CTO (GPB)	KVK	9612 607 279
11d	Dr. Sesenlo Kath	М	ТО	KVK	8837 231 757
12a		М	Project Director, DRDA, Kohima & Tseminyu	Rural Development	
12b	Jenny Kath	F	BDO, Tseminyu	Rural Development	9402 288 843
12c	Bendangwatila	F	BDO, Chunlikha	Rural Development	9436 006 131
13a	Er. Suboyanger	М	EE (Rural), Kohima & Tseminyu	PHE	9612 365 981
13b	Er. Theyiesetuo Khruomo	М	SDO	PHE	9436 000 506
13c	Er. Khenlo Tep	М	JE, Tseminyu	PHE	9402 800 610
13d	Er. Kewuthong Apon	М	JE, Chunlikha	PHE	9383 236 267
14a	Ruovilhou Tseibu Riilho	М	DAO	Agriculture	8837 229 292
14b	Atilo	М	SDAO	Agriculture	8416 062 505
14c	Elia Kesen	М	AO	Agriculture	9612 605 280
15	Krutalu Tunyi	F	SDO (SC)	Soil & WC	9856 230 354
16	Neisetuonuo Debbie	F	DHO	Horticulture	7005 657 383
17	Eyareno Chuse	F	DSO	Sericulture	8974 467 710
18	Dr. Sashiyangba	М	Dist. Project Officer (DPO)	Land Resources	
19	Maghasha Tep	М	APRO	I & PR	7085 656 605
20	Er. Eshanthung Kikon	М	Junior Engineer	Power	7627 989 419
21a	Menokhrielie	М	CDPO	Social Welfare	9615 182 540
22b	Obed Magh	М	Senior Supervisor	Social Welfare	8732 092 725
23	Sihangle Wanth	М	Functional Manager	Industries & Commerce	9856 257 036
24	Yhuntilo Kent	М	Ranger	Forest, Env. & CC	9402 719 255
25	Lhoubizoto Sanyu	М	Sub Treasury Officer	Treasuries & Accounts	9436 061 715
26a	Shri. Imlitemsu	М	Sr. Inspector	Food & Civil Supplies	
26b	Vilesa Rio		Inspector	Food & Civil Supplies	7005 932 541
27a	Ruokuo Noho	М	District Fishery Officer	Fisheries & AR	8798 771 449
27b	Mhasingol Neikha	М	Inspector	Fisheries & AR	8259 855 244
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28a	Khroloü Lohe	F	District Nodal Officer, Kohima & Tseminyu	NSDMA	9856 132 002
28b	Mhashevinu Kennao	F	Dist. Project Associate	NSDMA	7641 007 311
29	Zakiesato Lhoungu	М	DLRSO, Kohima & Tseminyu	Land Records & Survey	9856 309 628
30	Lichumo Kikon	М	Sr. Tourist Officer, Wokha & Tseminyu	Tourism	7005 984 559
31	Zhopovi Zecho	M	DSO, Kohima & Tseminyu	YR & Sports	7085 657 217
32	T. Yinlong Konyak	M	Assistant I/C	NST	7005 676 882
33	Ketholilie	М	Sub Post Master	Postal	9862 858 663
34		М	Branch Manager	State Bank of India	
35	Obed Lorin	M	Branch Manager	NSCB	8413 832 084
36	Viseyie Vitsu	M	Branch Manager	Bank of Baroda	9856 141 676
37	Anubhav Pandey	M	Assistant CIO	SIB	8299 827 110

2.5 RESOURCE INVENTORY/CAPACITY ANALYSIS

TABLE (iv): PUBLIC DISTRIBUTION SYSTEM UNDER TSEMINYU DISTRICT

SI. No.	Name of the Block	No. of PDS Retailer/C ounters	Name of the Retailer	Contact Person & Address	Location	Area cover age/N o. of Card s
1.	Tseminyu Centre		M/s J. TESINLE TEP	J. Tesinle Tep (Ahon)	Tseminyu Town	185
2.	Tseminyu Centre		NENCHULI	Nenchuli	Tseminyu Town	162
3.	Tseminyu Centre		TESINLE	Tesinle	Tseminyu Town	197
4.	Tseminyu Centre	42 Fair	CHAIRMAN CHUNLIKHA VILLAGE COUNCIL	Chairman Chunlikha Village Council	Chunlikha Village	129
5.	Tseminyu Centre	Price Shops (3	CHAIRMAN EHUNNU VILLAGE COUNCIL	Chairman Ehunnu Village Council	Ehunnu Village	123
6.	Tseminyu Centre	Urban FPS & 39 Rural	CHAIRMAN GUKHANYU VILLAGE COUNCIL	Chairman Gukhanyu Village Council	Gukhanyu Village	48
7.	Tseminyu Centre	FPS)	CHAIRMAN GUZINYU VILLAGE COUNCIL	Chairman Guzinyu Village Council	Guzinyu Village	39
8.	Tseminyu Centre		CHAIRMAN HENBENJI VILLAGE COUNCIL	Chairman Henbenji Village Council	Henbenji Village	41
9.	Tseminyu Centre		CHAIRMAN K. STATION VILLAGE COUNCIL	Chairman K. Station Village Council	K. Station Village	118

10.	Tseminyu Centre	CHAIRMAN KANDINU VILLAGE COUNCIL	Chairman Kandinu Village Council	Kandinu Village	325
11.	Tseminyu Centre	CHAIRMAN KASHANYISHIN VILLAGE COUNCIL	Chairman Kashanyishin Village Council	Kashanyishin Village	65
12.	Tseminyu Centre	CHAIRMAN KASHANYU VILLAGE COUNCIL	Chairman Kashanyu Village Council	Kashanyu Village	147
13.	Tseminyu Centre	CHAIRMAN KHENYU VILLAGE COUNCIL	Chairman Khenyu Village Council	Khenyu Village	86
14.	Tseminyu Centre	CHAIRMAN KHONIBINZU VILLAGE COUNCIL	Chairman Khonibinzu Village Council	Khonibinzu Village	37
15.	Tseminyu Centre	CHAIRMAN LIKHWENCHU VILLAGE COUNCIL	Chairman Likhwenchu Village Council	Likhwenchu Village	28
16.	Tseminyu Centre	CHAIRMAN NEW TEROGVUNYU VILLAGE COUNCIL	Chairman New Terogvunyu Village Council	New Terogvunyu Village	47
17.	Tseminyu Centre	CHAIRMAN NEW TESOPHENYU VILLAGE COUNCIL	Chairman New Tesophenyu Village Council	New Tesophenyu Village	79
18.	Tseminyu Centre	CHAIRMAN NGVUPHEN VILLAGE COUNCIL	Chairman NgvuphenVillage Council	NgvuphenVillage	50
19.	Tseminyu Centre	CHAIRMAN NSUNYU VILLAGE COUNCIL	Chairman Nsunyu Village Council	Nsunyu Village	218
20.	Tseminyu Centre	CHAIRMAN PHENDA VILLAGE COUNCIL	Chairman Phenda Village Council	Phenda Village	56
21.	Tseminyu Centre	CHAIRMAN PHENSHUNYU VILLAGE COUNCIL	Chairman Phenshunyu Village Council	Phenshunyu Village	287
22.	Tseminyu Centre	CHAIRMAN PHENTEJON BAMBOO MODEL VILLAGE COUNCIL	Chairman Phentejon Bamboo Model Village Council	Phentejon Bamboo Model Village	34
23.	Tseminyu Centre	CHAIRMAN PHENWHENYU VILLAGE COUNCIL	Chairman PhenwhenyuVilla ge Council	PhenwhenyuVilla ge	99
24.	Tseminyu Centre	CHAIRMAN RUMENSINYU VILLAGE COUNCIL	Chairman Rumensinyu Village Council	Rumensinyu Village	130
25.	Tseminyu Centre	CHAIRMAN SEWANU VILLAGE COUNCIL	Chairman Sewanu Village Council	Sewanu Village	66
26.	Tseminyu Centre	CHAIRMAN SISHUNU VILLAGE COUNCIL	Chairman Sishunu Village Council	Sishunu Village	113
27.	Tseminyu Centre	CHAIRMAN TEROGVUNYU VILLAGE COUNCIL	Chairman Terogvunyu Village Council	Terogvunyu Village	213
28.	Tseminyu Centre	CHAIRMAN TESOPHENYU VILLAGE COUNCIL	Chairman Tesophenyu Village Council	Tesophenyu Village	855

29.	Tseminyu Centre	CHAIRMAN TSEMINYU SOUTH VILLAGE COUNCIL	Chairman Tseminyu SouthVillage Council	Tseminyu SouthVillage	118
30.	Tseminyu Centre	CHAIRMAN TSEMINYU VILLAGE COUNCIL	Chairman TseminyuVillage Council	TseminyuVillage	322
31.	Tseminyu Centre	CHAIRMAN TSONSAVILLAGE COUNCIL	Chairman TsonsaVillage Council	TsonsaVillage	61
32.	Tseminyu Centre	CHAIRMAN YIKHANU VILLAGE COUNCIL	Chairman Yikhanu Village Council	Yikhanu Village	49
33.	Tseminyu Centre	CHAIRMAN ZIPHENYU VILLAGE COUNCIL	Chairman Ziphenyu Village Council	Ziphenyu Village	201
34.	Tseminyu Centre	CHAIRMAN ZISUNYU VILLAGE COUNCIL	Chairman Zisunyu Village Council	Zisunyu Village	322
35.	Tseminyu Centre	CHAIRMAN GWACHONLO VILLAGE COUNCIL	Chairman Gwachonlo Village Council	Gwachonlo Village	21
36.	Tseminyu Centre	CHAIRMAN LOGWESUNYU VILLAGE COUNCIL	Chairman Logwesunyu Village Council	Logwesunyu Village	81
37.	Tseminyu Centre	CHAIRMAN LOTSUPHEN VILLAGE COUNCIL	Chairman Lotsuphen Village Council	Lotsuphen Village	47
38.	Tseminyu Centre	CHAIRMAN NEW SENDENYU VILLAGE COUNCIL	Chairman New Sendenyu Village Council	New Sendenyu Village	68
39.	Tseminyu Centre	CHAIRMAN RENGMAPANI VILLAGE COUNCIL	Chairman Rengmapani Village Council	Rengmapani Village	73
40.	Tseminyu Centre	CHAIRMAN SENDENYU VILLAGE COUNCIL	Chairman Sendenyu Village Council	Sendenyu Village	305
41.	Tseminyu Centre	CHAIRMAN THONGSHUNYU VILLAGE COUNCIL	Chairman Thongsunyu Village Council	Thongsunyu Village	72
42	Tseminyu Centre	CHAIRMAN TSOSINYU VILLAGE COUNCIL	Chairman Tsosinyu Village Council	Tsosinyu Village	100

2.6 Medical Facilities under Tseminyu District:

Sl. No.	Name of Medical Centre/Office	Location
1.	Office of the Senior Medical Officer (SMO)	Tseminyu Old Town
2.	Community Health Centre (CHC)	
3.	Primary Health Centre (PHC)	Tesophenyu
		Chunlikha
4.	Sub-Centres	Tseminyu New Town
		Phenshunyu
		Rengmapani
		Sendenyu
		Ehunnu
		Kandinu
		Rumensinyu
		Tsosinyu
		Phenwhenyu

2.7 Educational Institutions under Tseminyu District:

• Government Institutions

Location	Sl. No.	Name of Institution	No. of Institutions
	1.	Government Hr. Sec. School	01
		(GHSS)	
Tseminyu	2.	Government High School (GHS)	06
	3.	Government Middle School (GMS)	09
	4.	Government Primary School (GPS)	29

• Private Institutions

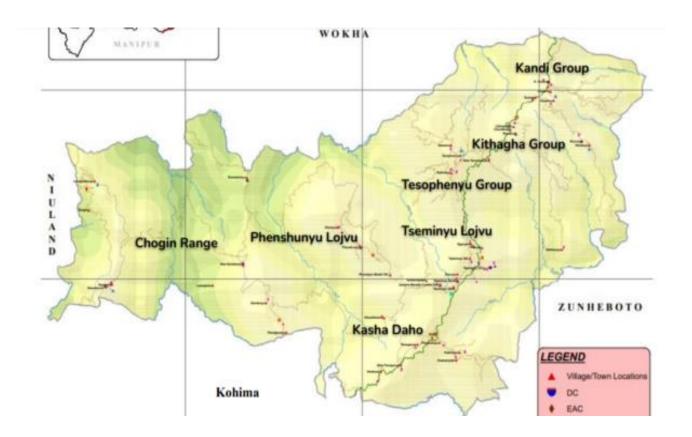
Sl. No.	Name of Institution	Location
1.	Don Bosco School	Tseminyu Village
2.	Don Bosco School	Tesophenyu
3.	Baptist Hr. Sec. School	Tseminyu New Town
4.	Assembly of God School	Tseminyu New Town
5.	Christian School	Tseminyu Old Town
6.	Jireh School	Chunlikha
7.	Springfield Preschool	Tseminyu New Town

2.8 Police Station: There is 01 (one) Police Station located in Tseminyu Town.

SL. No.	Name of Officer	Designation	Contact No.
1.	Tali Imchen, NPS	S P	9436 830 254
2.	Lanu Aier, NPS	Addl. SP	9862 041 339
3.	Khuzah Jurry, NPS	SDPO	7005 225 102
4.		UBI, OC, PS	9615 588 376
5.	Chonkholen Doungel	UBSI, 2 nd OC, PS	9615 627 061

2.6 Maps of the District





CHAPTER-3 Vulnerability Analysis and Risk assessment

The following disasters are commonly experienced in the district:

Common Natural disaster	Man-made disaster
Cyclonic Storm	Fire-accident
Flood	Forest fire
Drought	
Earthquake	
Wild animal menace	

Vulnerability analysis and Risk assessment

Types of Hazard	Time of occurrence	Potential Impact	Vulnerable areas
Earthquake	Unpredictable	Loss of life, crops, livestock, property and other infrastructure	Whole district
Drought	May-August	Loss in soil moisture, dried soil and loss in crop stand.	Whole district. Drought incidents were reported during the cultivation period between 2021-22, greatly affecting the crop yield in the district
Flood	June to September	Damage to houses, roads, erosion of fields, destruction of vegetation, damage of fisheries and other infrastructure	Northern parts of the district – Rengmapani and adjoining areas under Tsogin Range
Cyclonic Storm	March-May	Damage to houses, fences, cultivated crops, huts, animal sheds, plantation crops and light poles.	Whole district
Fire	Unpredictable	Houses, plantation farms and jhum fields	-

Wild	animal	Unpredictable	Damage to	houses,	Reports o	of da	amage to
menace			crops and eve	n loss of	houses and	field	ds by wild
			life		elephants	in	Kandinu
					Village		

It has been observed that Tseminyu district is highly prone to disasters such as Landslides and Fire. Certain cases of biological disasters such as the ASF outbreak across the state, Lumpy skin disease among cattle etc in the recent past have also been reported in the district.

Owing to unstable terrain, loose soil and torrential rains, landslides/mudslides have become a major problem. The district is plagued by severe rains during the monsoon leading to significant loss of property and resources.

Major factors contributing to landslides in the district are:

- 1. Poor/Improper drainage system in most settlement areas resulting in less surface runoff
- 2. Widening of roads in various areas resulting in steeper slopes thereby making them more prone to rainfall-induced landslides

CHAPTER-4 PREPAREDNESS & MITIGATION

Mitigation and prevention efforts aim to reduce the potential damage and suffering that disasters can cause. While disaster management cannot prevent disasters, it can prevent them from becoming compounded as a result of neglecting causal factors and manageable risks. Mitigation specifically refers to actions taken that can lessen the severity of a disaster's impact. Investing in measures that limit hazards can greatly reduce the burden of disasters.

4.1 Disaster preparedness plans:

- Identify organizational resources
- Designate roles and responsibilities
- Create procedures and policies
- Organize activities that improve disaster readiness
- Anticipating the needs of communities that disasters affect improves the quality of the response efforts. Building the capacities of volunteers, personnel, and disaster management teams to respond to disasters also makes the response efforts more effective.
- Plans may include the following:
- Emergency shelter sites
- Evacuation routes
- Emergency energy and water sources

They may also address:

- Chains of command
- Training programs
- Communication procedures
- Emergency supply distribution
- Stockpile needs

4.2 Community First Responder

In the event of any disaster, the community is always the first responder considering their proximity and knowledge of the area. However, past experiences have shown that the reaction to a disaster typically involves well-intentioned but unskilled workers who have little to no regard for personal safety. This occasionally worsened the aftermath of a catastrophe and put the victims at a greater risk.

Any disaster situation calls for a trained workforce, providing a quicker and more effective response. Thus, there is a need to intensify the 'Community First Responder Training'. The effective management of any disaster by the communities before actual help arrives will not only save precious lives but also help the local administration. This is possible only when a well-planned training course is imparted in a proper and effective manner.

The district is yet to train youths to play their part as Community First Responders in the face of any disaster.

4.3 Prevention and Mitigation:

Reduction of risk in disaster involves activities which either reduces or modify the scale and intensity of the threat faced. Disaster mitigation aim at reducing the physical, economic and social vulnerability to threat and the underlying cause for the vulnerability.

- *i) Landslides:* Construction of buildings should not be allowed in the landslide prone areas without proper precautionary and preventive measures (including treatments like soil strengthening and protection works). Route of a proposed road should avoid landslide areas where it is possible.
- *ii*) *Fire:* The region also frequently encounters several natural as well as man-made disasters. Most of it arises due to sheer ignorance and human negligence/carelessness and in many fire incidents, some well cultivated farms as well as houses were burnt down in the district in the past. Leaving small fires outside unattended, faulty wiring, etc. are the major contribution to such disasters.
- *iii)* Earthquake: Tseminyu lies in the most active seismic zone, which is zone-V as it is specified. Therefore, one should take all precautionary measures that is made available to us in constructing our houses, buildings, bridges and other structures to make it save against earthquake.
- *iv) Training:* Proper training should be imparted in block level and village level in the rural areas. In the urban areas, different wards and sectors. The district lies in a zone which comprises of very fragile hills with weak geological formation making it very prone to seasonal disasters as well.

4.4 Plan Activation

The disaster Response Structure will be activated on the receipt of disaster warning/on the occurrence of the disaster. The occurrence of disaster may be reported by the concerned monitoring authority to the Home Commissioner/NSDMA via the fastest means of communication available during that time.

CHAPTER-5 THE RESPONSE PLAN

5.1 Response Plan

Response plans are very important to save life and property of people in a disaster. A well- developed response plan can help response teams from the community to reach at the victims to provide emergency support at a quick interval. A timely response can reduce the magnitude of loss of life and property.

Well-coordinated responses to disasters require prior planning. This helps ensure fast, effective response efforts and limits duplicated efforts.

For smooth and effective response phase in case of any disaster Govt. of Nagaland have adopted the Incident Response System. The Incident Response System (IRS) forms the core of the response plan. All responses to disasters in the district will be organized according to the IRS. During a disaster, the IRS will be an extremely effective to handle the situation in the best manner possible within a limited time. District and block administration are the focal points where the response plans were utilized for implementing, directing, supervising and monitoring relief measures for disasters and implementation of specific action points.

In the preparation of the plan, the existing Govt. machinery at the District, Sub-Division and Development Block Levels ought to be fully utilized for both the Administrative and operational purposes to prepare the public and for the smooth execution of relief and rescue measures. Subsequently, efforts have been made to utilize the voluntary services of the people including the Elected Representatives of Town Council, Village Council, Red Cross, NGOs, N.C.C, Social Welfare, Members of the Legislative Assembly, Scouts & Guides, Police, Assam Rifles, Paramilitary, as applicable in the district.

5.2 The Incident Response Structure (IRS) in respect of Tseminyu District

Sl. No.	IRS Position	Abbreviation	Officer			
	Incident Commanders					
1.	Responsible Officer	RO	Deputy Commissioner			
2.	Incident Commander	IC	Addl Deputy Commissioner			
3.	Deputy Incident Commander	Dy IC	EAC HQ			
4.	Information & Media Officer	IMO	DPRO			
5.	Safety Officer	SO	Superintendent of Police			
6.	Liaison Officer	LO	Nodal Officer, DDMA			
7.	Operation Section Chief	OSC	District Commandant, HG, CD & SDRF			
8.	Planning Section Chief	PSC	SDO (C) Tseminyu			
9.	Logistic Section Chief	LSC	Addl. SP			

Sl. No.	IRS Position	Abbreviation	Officer				
	Operation Section						
1.	Operation Section Chief	OSC	District Commandant, HG &				
			CD and SDRF				
2.	Staging Area Manager	SAM	DAO				
3.	Response Branch Director	RBD	Addl. SP, Tseminyu				
i	Division Supervisor/Group I/c	DS/G i/c	Company Commander, 4th NAP				
			B Coy'				
ii	Single Resource Unit Leader	SRUL	Chief Veterinary Officer,				
			Tseminyu				
iii	Strike Team/Task Force Leader	ST/TFL	SDPO Tseminyu				
4.	Transport Branch Director	TBD	BDO, Tseminyu				
i	Road Operation Group I/c	RdOG i/c	EE, PWD (R & B)				

Sl. No.	IRS Position	Abbreviation	Officer			
	Planning Section					
1.	Planning Section Chief	PSC	SDO (C) Tseminyu			
2.	Resource Unit Leader	RUL	BDO, Chunlikha			
3.	Situation Unit Leader	SUL	SDPO			
4.	Documentation Unit Leader	DUL	CDPO Tseminyu			
5.	Demobilization Unit Leader	Demob, UL	BDO Tseminyu			

Sl. No.	IRS Position	Abbreviation	Officer				
	Logistic Section						
1.	Logistic Section Chief	LSC	Addl. SP				
2.	Service Branch Director	SBD	FM, I&C				
i	Communication Unit Leader	Com.UL	OC, PS Tseminyu				
ii	Medical Unit Leader	MUL	MO, CHC				
iii	Food Unit Leader	FUL	Inspector, F&CS				
3.	Support Branch Director	SupBD	SDO Electrical				
i	Resource Provisioning Unit Leader	RPUL	SDEO				
ii	Facility Unit Leader	FacUL	JE (Power)				
iii	Ground Support Unit Leader	GSUL	SDO, S&WC				
4	Finance Branch Director	FBD	Manager SBI				
i	Time Unit Leader	TUL	District Agriculture Officer				
ii	Procurement Unit Leader	PUL	ADC				
iii	Compensation/ Claims Unit Leader	Com/CUL	ADC & DPA (DDMA)				
iv	Cost Unit Leader	CUL	ADC				

5.3 Duties and Responsibilities of Officials

- 1. To plan, organize and make systematic rescue and relief operation in the district.
- 2. To co-ordinate the efforts of the Govt. depts. in connection with the relief operation.
- 3. To co-ordinate and liaise with the activities of both rescue and relief operation of the administrative circles.
- 4. To make arrangement for enforcement of trained manpower for rescue and relief operation by Civil Defence and to make use of light rescue of Civil Defence.

CHAPTER-6 Nagaland Emergency Preparedness Exercise (NEPEx)

The Nagaland Emergency Preparedness Exercise (NEPEx), a state-wide mock exercise, is carried out annually to educate the public and various authorities on how to set up a system for efficient response to any disaster. With Tseminyu being a fairly new district, its first Mock exercise simulating Earthquake scenario was successfully conducted on 17th November, 2022, as per guidelines of NSDMA.