

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Raipur
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Raipur, Block Hisar-1, Hisar

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village

Village Raipur is situated 8 KM from District Headquarter. Village Shikarpur is situated 1.8 km in the west and village Kharar Alipur in the south and city hisar in east side of the villaeg.

b) Village at a glance as under

Name of Village	Raipur
Name of Patwari	Dharmender
Name of Village Secretary	Neetu Devi
Contact No. of Village Secretary	9802426790
Name of Panchayat	Raipur
Name of Sarpanch	Nilam
Contact No. of Sarpanch	9812720706
Name of Block	Hisar-1
Name of Teshil	Hisar
Name of Police Post/Station	Cantt Chowki Hisar
No. Of house holds	780
Hospitals	Nil
Schools	04
Industries	01
Religious Institutions	03

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	7989	4206	3781
Children	1036	540	490
People with disabilities	28	22	7
Elderly/aged	224	46	178
Those who dependent upon specific medication for survival	7	2	5
Transgender	--	--	--

1.3. Temperature and rainfall

The climate is Semiarid and hot which is mainly dry with very hot summer and cold winter except during monsoon. Here experience extreme temperature ranges 5.5-41.6 degree centigrade with severe cold in month of December & January and the month of May & June are of bitter summer. The annual average rainfall in the village is 58.5 mm. About 70 per cent of the annual rainfall is received during period from July to September.

1.4. Agricultural Land and Cropping Pattern

The total agricultural land is 2778 Acers. Wheat, rice, jowar, bajra, cotton are major crops grown in the village.

Cropping Pattern at Village						
<i>Sr. No.</i>	<i>Types of Crops cultivated</i>	<i>Area cultivated (Acres)</i>	<i>Duration of Month</i>	<i>Area under Crop Insurance (Yes/No)</i>	<i>Stock facilities (Yes/No)</i>	<i>Others</i>
1	Wheat	912	Nov-April	--	--	--
2	Rice	992	June-Oct	--	--	--
4	Bajra	44	Oct-April	--	--	--

1.5. Drinking Water

The main source of drinking water located within premises of Village and supply of drinking water in village as per below:-

<i>Rivers/canal</i>	<i>Tanks/pond</i>	<i>Tube wells</i>	<i>Covered Wells</i>	<i>Uncovered Wells</i>	<i>Hand pumps</i>	<i>Water Supply by PHED</i>
1 canal Sunder Miner Branch	--	01	--	--	110	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 63 percent. There are total 4 school in the village where children get their education. For further studies children have to go to Hisar.

1.7. Roads and Transport

Condition of road is not so good within the village. Road from Raipur to Hisari is in bad shape. For commuting, people prefer motorcycles and govt. bus service.

Infrastructure details

Infrastructural Details at Village				
<i>Sr.</i>	<i>Facilities</i>	<i>Number</i>	<i>Contact Person</i>	<i>Contact Number</i>
1	PHC	01	Anil Kumar	9812550001
2	CHC	--	--	--
3	Medical Shop	1	Jaisingh	9896543916
4	Anganwadi centre	05	Sunita	9991826055
5	ANM	1	Kamlesh	8950731985
6	ASHA workers	02	Usha	7027829514
7	Pvt. Hospital	--	--	--
8	Pvt. Doctors	02	Subash	8059677771
9	Veterinary doctors	--	--	--
10	Veterinary practitioners	--	--	--
11	Medical practitioners	--	--	--
12	Religious Institution	03	Anil	9991339505
1	Govt. Primary Schools	03	Savitri	8950030555
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate	63.99%	Senior Secondary School	
2	Education		Senior Secondary School	
3	Economy of Village		Agriculture and allied activities	
4	BPL Family		229	
Household Details				
1	Total House Hold		780	
2	Kucha		Nil	
3	pucca		680	
4	Semi pucca		100	
5	Other critical ESTABLISHMENTS		--	

Chapter 2: Hazard, Risk, Vulnerability, Capacity Assessment

2.1 Hazard: The Hazard Profile of the Village

<i>Hazards (in and around the village)</i>	<i>Hazard Probability (High / Med / Low)</i>	<i>Possible causes</i>
Road Accidents	Med	Due to bad shape of road
Flood	High	Rain, Flood Prone Area
Earthquake	Medium	As per risk Zonation
Building collapse	Low	No critical building in the village
Epidemic / Contagious disease	Medium	No hygienic conditions
Fire	High	Short circuit, Fire in field, Crop Fire in summer
Heat Wave	Medium	Summer Season
Cold Wave	Medium	Winters Season
Industrial / Chemical hazard	Low	No industry
Stampede	Low	No such condition

2.2 Vulnerability Analysis

Vulnerable groups in the village – to different hazards				
<i>Sr.</i>	<i>Name of Hazards</i>	<i>Vulnerable Area</i>	<i>Vulneable Groups</i>	<i>Facilities Affected</i>
1	Flood	Drought Prone Area	1. Old Age 274 2. Children 1036 3. Sick person 12 4. Below Poverty Line 229	1.Drainage , 2.Electricity, 3.Drinking water, 4.Road 5.Communication, 6.Govt Property, 7.Ariculture 8.Animal Losses
2	Fire	Filed Area	Farmers and their dependents	1.Electricity, 2.Crop Damage
3	Epidemics	Flood affected area and nearby	All community of village can be affected	Medical facilities, Transport
4	Snake bite	Flood affected area and nearby	All community of village can be	Medical Facilities, transport
5	Hailstorm		Medium possibility	Human, Cattle,

				Crops
6	Pest Attack	Agriculture area	Can be in crops.	Crop Failure
7	Heat Wave	Human and cattle	Village population	Medical Facilities
8	Cold Wave	Human and Cattle	Village population	Medical Facilities
9	Road Accidents		Nil	
Other Vulnerabilities (Impacts)				
1	Social Vulnerabilities	Culture of Village can be affected	Living Pattern, Dress, Food Habits and the employment kind of village will be changed if hazard occurs	
2	Political Vulnerabilities	Political System also affect	Group Clashes, Clashes on Compensation, other interference of local group or parties.	

<i>Details</i>	<i>No. of Household 780</i>
Household (HH) in low lying areas	100
HH with poorly constructed houses	20
Old aged population (above 65 age)	274
Children below (0-6 age)	1030
Women headed households	100
BPL population	916
Landless HH	NIL
HH (Low income group)	120

2.3 Risk Analysis

<i>Severity</i>	<i>Hazard</i>	<i>Elements at Risk</i>	<i>Vulnerable Areas</i>
High Risk Hazards	Earthquake	Human life, cattle life, public infrastructure, environment, etc.	Entire village falls in EQ Zone- III i.e. Moderate damage risk zone.
	Fires	Human Loss, cattle life, agricultural	Agricultural Land

		produce, kutchahouses, industries, etc.	
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire Village
	Floods	Human life, cattle life, crop life, property and public infrastructure.	Entire Village is in low laying area.
Low risk Hazards	Drought	Human Life, crop life, Cattle life,	Due to failure of monsoon drought like condition can occur in the village.
	Frost Thunder storm Hailstorm	Crop, cattle life Human life, crop , Cattle life, Public infrastructure	People with poor housing conditions in the village.

2.4 Community Resources

Name of Facilities	Community Resources		
<i>Particulars</i>	<i>Total no.</i>	<i>Contact Person and Telephone Number</i>	<i>Distance from the Village</i>
Hospital	1	General Hospital Hisar 01662-278917	8Km
Public health centre	PHC Satrod Kalan	01662-222262	5KM
Dispensaries	PHC Satrod Kalan	01662-222262	5KM
Veterinary Hospital	1	Veterinary	Within village
Private Hospital	8	SapraHospital 233230	10 KM
OPD Facility	1	General Hospital Hisar 01662-278917	8Km
X Ray Facility	1	General Hospital Hisar	8Km

		01662-278917	
Ambulance service	1	General Hospital Hisar 01662-278917	8Km
Medicine Shop	1	Medical 9896543916	Within village

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Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

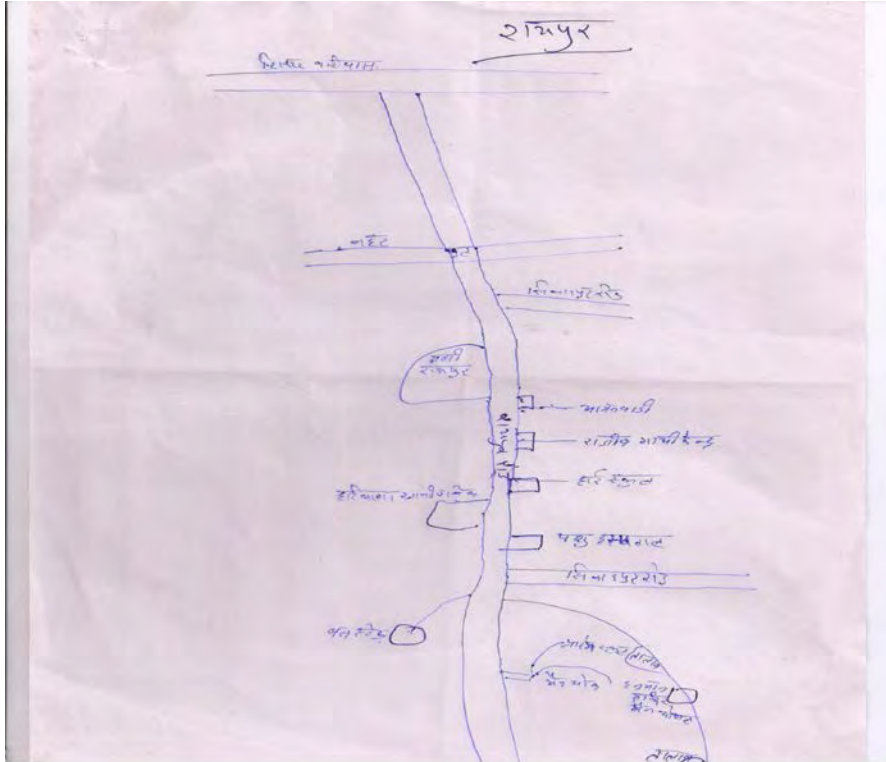
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 3.1.1. Early Warning & Information Dissemination Team
 - Communicate the information.....
 - Update contact details of local resources/ offices, etc...
- 3.1.2. First Aid Team
 - Maintain list of pregnant women, infants, people with special medical needs, etc..
 - Keeping First-Aid box with disinfectants, antiseptics, ORS, etc.
- 3.1.3. Carcass Disposal Team
 - Stocking kerosene and fuel for disposal of carcass.
 - Maintaining storage of sackcloth to cover dead bodies of animals.
 - Proper spray of disinfectants (eg: DDT) to keep the air clean
 -
- 3.1.4. Evacuation Team
 - Keeping evacuation map of the village with them
 - Knowing the way of evacuation from the village
 - Identifying safe evacuation routes, places, assembly points in and around the village
- 3.1.5. Damage Assessment Team
 - Help in forecasting damages including lives lost and losses to property and assets such as houses, livestock, agriculture, plantation, etc.
 - Sensitizing families of village to keep their important documents safe, and in emergency kit.
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- 3.1.6. Reconstruction & Rehabilitation Team
 - Get purified water sources in village
 - Prepare reconstruction and rehabilitation plan for vulnerable groups/areas in the village
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3.2. Identify Safe Evacuation Routes

- Selection of evacuation route that minimize the exposure to the hazard and other obstacles
- Evacuation route to be easily accessible even for vulnerable groups such as, women, children, and elderly.

Evacuation Map of the village



3.3. Community level Mitigation Programme

Include hazard specific mitigation measures and schemes running in the village

3.3.1. Flood Mitigation

- Construction of flood shelter
- Drainage channels to be cleared
- Construction of raised platforms near important/ vulnerable areas, such as school, shelter of animals, gaushalas, etc.

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3.3.2. Earthquake Mitigation

- Detailed survey of buildings for assessment of damage and repair/ reconstruction and seismic strengthening or demolition
- Training the local masons for constructing earthquake resistant structures
- Conducting mock drills in villages for evacuation during an earthquake
- Fix all objects in houses that can fall and cause injury (non structural mitigation....)

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3.3.3. Drought Mitigation

- Continuous drought monitoring through rainfall situation, water availability in reservoirs, rivers, canals, etc. and comparing with existing water needs of society.
- Water conservation through rainwater harvesting in houses and farmers' fields
- Allowing runoff water from all fields to a common point (eg: pond) or allowing it to infiltrate in the soil where it has fallen
- Generating awareness among the village people on implementing water conservation and agriculture awareness programs through television, pamphlets, nukkad natak, etc.
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3.4. Schemes & Disaster Mitigation

The following schemes/ projects are running in the village and segregate them relevant to Mitigation and Preparedness measures :-

- NREGA(for flood protection works in the village
- IAY(earthquake resistance building also protecting from cold and heat waves)
- Pradhan Mantri Gram Sadak Yojana(for prompt response and resource mobilization)
- Rural Water Supply Programme
- Total Sanitation Campaign(preventing epidemic like situation)
- Rural Connectivity Programme(economic development of agriculture sector and allied activities in the villages)

Chapter 4: Response Plan

3.1 Village Disaster Management Committee :- to carry out disaster management activities i.e. village disaster management plan, **training** and awareness activities, identification of resources and search & rescue activity at village level conducted by Village Disaster Management Committee. The following is the list of committee members:-

Village Disaster Management Committee

Sr. No.	Name	Designation	Name	Contact No.
i.	Sarpanch	Chairman	Neelam	9812720706
ii.	Village Secy	Nodal Officer	Neetu	9802426710
iii.	Patwari	Member	Dharmavir	9466559404
iv.	Numberdar	Member	Umed Singh	9996173604
v.	SC Panch	Member	Naresh	9728117452
vi.	BC Panch	Member	Suresh	9466820211
vii.	Women (Mahila) Panch	Member	Sudesh	9896898004
viii.	Anganwadi Worker	Member	Santosh	9255527088
ix.	SHG Heads	Member	--	--
x.	School Representatives	Member	Rajbir	9812490795
xi.	Ex-Servicemen	Member	Omparkesh	9416544235

1. Village Secretary is Nodal Officer for Disaster Management plan of respective village
2. VDMC will conduct meetings/ Gram Sabha for planning for Disaster Management Teams, HRVC and mitigation issues, preparedness issue, relief distribution sites, and rehabilitation plans other plan related issues.
3. Village Secy has prepared document the plan and VDMC has been approved the plan and submit it to the BDPO Office.
4. BDPO should make a copy of the plan and submit it to ADC Office after Compilation of the plans.
5. RO along with BDPO has conducted training program along with officers/ trainers from Fire Department/ Red Cross/ Revenue department/ civil defence.

3.2 Administrative control

<i>Designation</i>	<i>Contact Number</i>	<i>Contact Address</i>
Deputy Commissioner	232045, 233928	Hisar
SP	01662-232307	Hisar
ADC	232692, 241035,	Hisar
SDM	232798	Hisar
BDPO	9996782605	Preetpal
Police Officer SHO	8814011308	Lalit Kumar
Village Secretary	9802426790	Neetu
Gram Pradhan	9812720706	Neelam
BEO	01662-253170	Hisar
Fire Officer	101, 275050	Hisar

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Neelam	Sarpanch	9812720706	Raipur
2	Dharmbir	Patwari	9466549404	Raipur
3	Neetu	Sachive	9802426790	Raipur
5	Hawasingh	Namberdar	9996173604	Raipur
Evacuation Team				
1	Neelam	Sarpanch	9812720706	Raipur
2	Dharmbir	Patwari	9466549404	Raipur
3	Neetu	Sachive	9802426790	Raipur
4	Hawasingh	Namberdar	9996173604	Raipur
5	Naresh	panch	9728117452	

Search and Rescue Team				
1	Neelam	Sarpanch	9812720706	Raipur
2	Dharmbir	Patwari	9466549404	Raipur
3	Neetu	Sachive	9802426790	Raipur
4	Hawasingh	Namberdar	9996173604	Raipur
5	Naresh	panch	9728117452	Raipur
First Aid Team				
1	Kamlesh	ANM	7950731985	Raipur
2	Sunita	Assha	7027829514	Raipur
3	Subash	RMP	8049677771	Raipur
4	Naresh	Panch	9728117452	Raipur
5	Jaisingh	Medical	9896543916	Raipur
Relief Management Team				
1	Neelam	Sarpanch	9812720706	Raipur
2	Dharmbir	Patwari	9466549404	Raipur
3	Neetu	Sachive	9802426790	Raipur
4	Hawasingh	Namberdar	9996173604	Raipur
Sanitation Team				
1	Suresh Kumar	Panch	9466820211	Raipur
2	Krisahn	Sweeper	9728048730	Raipur
Shelter Management Team				
1	Neelam	Sarpanch	9812720706	Raipur
2	Suresh Kumar	Panch	9466820211	Raipur
Carcass Disposal Team				
1	Krisahan	Sweeper	9728048730	Raipur
	Naresh	Panch	9728117452	Raipur
Damage & Need Assessment Team				
1	Neelam	Sarpanch	9812720706	Raipur
2	Dharmbir	Patwari	9466549404	Raipur

3	Neetu	Sachive	9802426790	Raipur
Rehabilitation & Reconstruction Team				
1	Neelam	Sarpanch	9812720706	Raipur
2	Dharmbir	Patwari	9466549404	Raipur
3	Neetu	Sachive	9802426790	Raipur

3.4 Contact Details of Emergency Resource Owners/ Practitioners [Private], elected Panches in the Village Panchayat:

No.	Name	Practise/Resource	Telephone No.	Mobile No.
1	Mukesh	Tractor	--	9728860555
2	Gopu	Tractor	--	9812955470

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Chajuram	Capanter	VPO Raipur	8607959713
Krishan	Mistri	Raipur	9017295593
Rajinder	Mistri	Raipur	9729164812
Roshan Lal	Mistri	Raipur	9812823013

Chapter 5: Contact details & Updation Mechanism

5.1. Updation Mechanism

- Discussed with the village people about whose responsibility is it to update the plan.
- the VDMP will be updated regularly.
- It should be taken care that the VDMP should be simple otherwise it will not be understood, and disseminated else it will not reach the needful.
- The VDMP should be revised regularly otherwise it will not be up to date.