

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Landhari
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Landhari, Agroha, Hisar

Contents

S.No.	Chapter	Page
1.	Situational Analysis of Village	3-5
2.	HRVC Assessment	6-9
3.	Mitigation & Preparedness Plan	10-12
4.	Response Plan	13-16
5.	Contact details & Updation Mechanism	17

Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village Landhari village is situated in the west side of Agroha appear 2 KM away form N.H.9.

b) Village at a glance as under

Name of Village	Landhari
Name of Patwari	Karan Singh
Name of Village Secretary	Parveen
Contact No. of Village Secretary	8059892000
Name of Panchayat	Landhari
Name of Sarpanch	Kiran Bala
Contact No. of Sarpanch	9812626471
Name of Block	Agroha
Name of Teshil	Hisar
Name of Police Post/Station	Agroha
No. Of house holds	1253
Hospitals	PHC
Schools	6
Industries	-
Religious Institutions	One (8814987402)

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	5770	3552	2218
Children	378	205	173
People with disabilities	23	11	12
Elderly/aged	254	134	120
Those who dependent upon specific medication for survival	-	-	-
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 5.5-41.5 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 43 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 2215 acres. Wheat, rice, jowar, bajra 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	1555	Nov-April	--		
2	Rice	315	May-Sept	--		
3	Cotton	1222	April-September	--		
4	Sarsaon	916	Nov-MARCH	-		

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 (Agroha Branch)	2	5	-	-	6	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 65 percent. There is one Sen. Sec Government school, two private school in the village where children get their education. For further studies children have to go to Hisar.

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1.7. Roads and Transport

Condition of road is not so good within the village. Road from Landhari to Agroha is in good shape. For commuting, people prefer autorikshaws and private bus service.

1.8. 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	No	No	No
2	CHC	No	No	No
3	Medical Shop	1	Rohtash	9992018130
4	Anganwadi centre	1	Lajwanti	9813203076
5	ANM	1	Maya Devi	7027829937
6	ASHA workers	1	Santosh	7027828569
7	Pvt. Hospital	No	No	No
8	Pvt. Doctors	1	Rohtash	9992018136
9	Veterinary doctors	1	Kuldeep	9416544347
10	Veterinary practitioners	No	No	No
11	Medical practitioners	No	No	No
12	Religious Institution	1		
1	Govt. Primary Schools	6	Narender	9812897082
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate		65%	
2	Education		Sen. Sec School	
3	Economy of Village		Agriculture and Business	
4	BPL Family		233	
Household Details				
1	Total House Hold		1253	
2	Kucha		10	
3	pucca		1243	
4	Semi pucca		-	
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	High	Due to bad shape of roads
Flood	Med	Rain
Earthquake	Low	As per risk zone
Building collapse	Med	Some building are old
Epidemic / Contagious disease	Low	Due to unhygienic conditions
Fire	High	Short circuit, Fire in field
Heat Wave	Med	Summer
Cold Wave	Med	Winters
Industrial / Chemical hazard	Low	No industry
Stampede		Due to riots or violence

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	All site of Village	1.Old Age, (Mention the numbers) 254 2.Children below age 12 378 3.Women, 120 4.Sick Persons, 5.Below Poverty Line 233	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	Medical facilities, transport

4	Snake bite	Flood affected area and nearby	All community of village can be	Medical Facilities, transport
5	Hailstorm		Low possibility	
6	Pest Attack	Agriculture area	Can be in crops.	Crop Failure
7	Heat Wave		Village population	Medical Facilities
8	Cold Wave		Village population	Medical Facilities
9	Road Accidents	Houses Nearby Road	Road locations houses	
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 1253</i>
Household (HH) in low lying areas	12
HH with poorly constructed houses	25-30
Old aged population (above 65 age)	254
Children below (0-6 age)	378
Women headed households	193
BPL population	233
Landless HH	-
HH (Low income group)	-

2.3 Risk Analysis

<i>Severity</i>	<i>Hazard</i>	<i>Elements at Risk</i>	<i>Vulnerable Areas</i>
High Risk Hazards	Chemical Accidents	Human Life, cattle life, Environment, etc.	.

	Fires	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land
	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire village
	Floods	Human life, cattle life, crop life, property and public infrastructure.	Entire village
Medium Risk Hazards	Epidemic	Human Life, animal life	Entire village
	Drought	Human Life, crop life, Cattle life,	Entire village is prone to drought like condition. Ground water depletion is maximum as tube wells remain the alternate source of water.
	Frost Thunder storm Hailstorm	Crop, cattle life Human life, crop , Cattle life, Public infrastructure	People with poor housing conditions in the village.
Low risk Hazards	Terrorist Attack	Crowded places	Bus stops, Malls, Hospitals, Places of Worship, <i>Melas</i> etc in the village.
	Earthquake	Human life, cattle life, public infrastructure, environment, etc.	Entire village falls in EQ Zone- II i.e. Low damage risk zone.

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	Agroha 281194	4 KM
Public health centre	1	Landhri 281301	In village
Dispensaries	No	No	No
Veterinary Hospital	1	9416544337	In village

Private Hospital	No	No	No
OPD Facility	1	Agroha 281194	4KM
X Ray Facility	1	Agroha 281194	4KM
Ambulance service	1	Landhri 281301	In village
Medicine Shop	1	Rohtash	9992018136
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Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

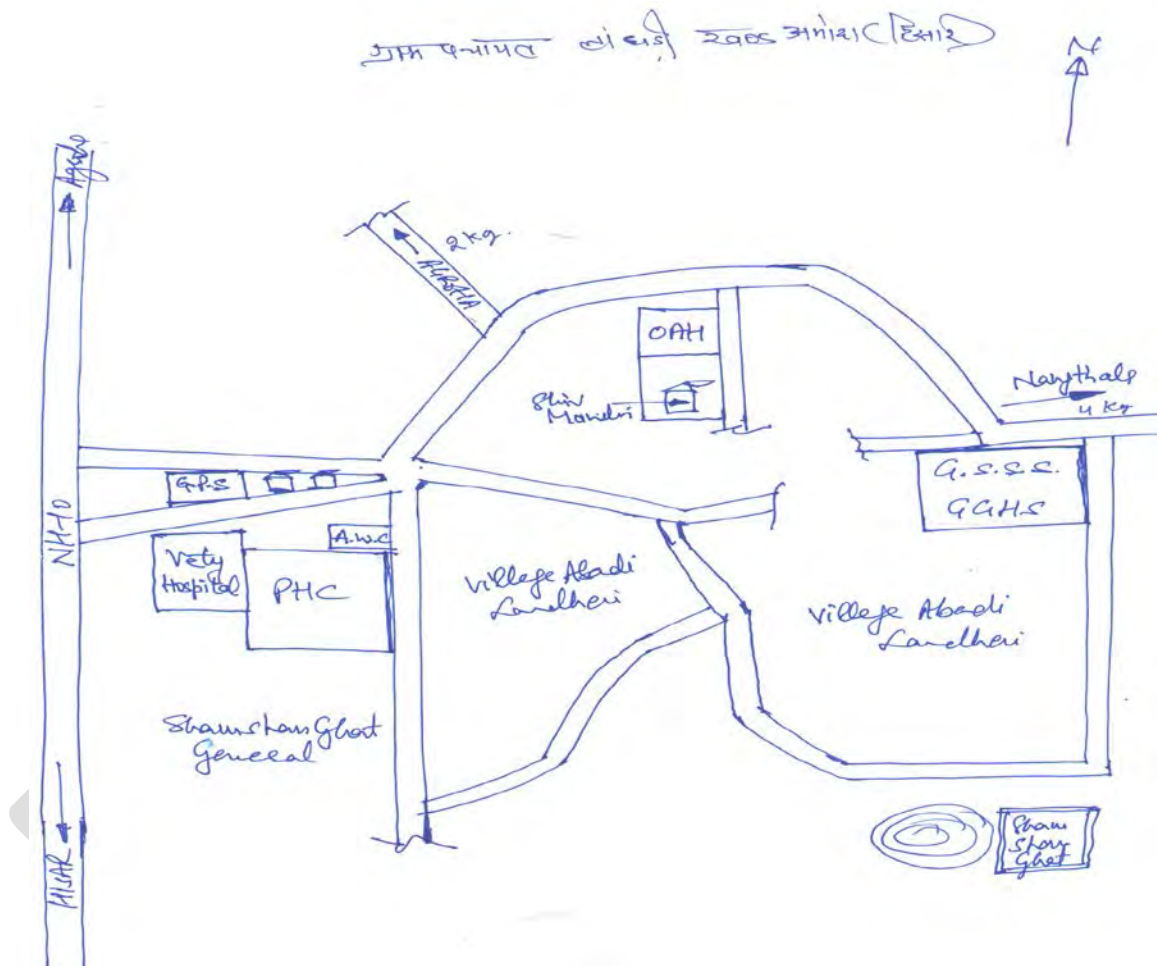
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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.
 -
- 3.1.6. Reconstruction & Rehabilitation Team
 - Get purified water sources in village
 - Prepare reconstruction and rehabilitation plan for vulnerable groups/areas in the village
 -

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.
-
-

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....)
-
-

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 suggestive list of committee members:-

Village Disaster Management Committee

Sr. No.	Name	Designation	Name	Contact No.
i.	Sarpanch	Chairman	Kiran Bala	9812626471
ii.	Village Secy	Nodal Officer	Parveen	8059892000
iii.	Patwari	Member	Karan Singh	9416080310
iv.	Numberdar	Member	Rajender	9812589251
v.	SC Panch	Member	Rajender	9466238548
vi.	BC Panch	Member	Roshan Lal	9467690168
vii.	Women (Mahila) Punch	Member	Kavita	9812380700
viii.	Anganwadi Worker	Member	Lajpati	9813203076
ix.	SHG Heads	Member	Geeta	
x.	School Representatives	Member	Narender	9812897082
xi.	Ex-servicemen	Member	Shiv Kumar	9896886929

1. Village Secretary or Patwari should be Nodal Officer for Disaster Management plan of respective village
2. VDMC should conduct meetings/ Gram Sabha for planning for Disaster Management Teams, HRVC and mitigation issues, preparedness issue, relief distribution sites, rehabilitation plans other plan related issues.
3. Village Secy shall document the plan and VDMC shall approve 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. Further, Funds may be send to BDPO for conducting capacity building trainings at village level for VDMC and teams under VDMC and send the utilization certificate to this office.
6. RO along with BDPO shall arrange 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
ADO	9812688568	Umma Devi
BDPO	9996782602	BDPO Office Agroha
Police Officer SHO	8814011314	Police Station Agroha
Village Secretary	8059992000	Parveen
Gram Pradhan	9812626471	Kiran Bala
BEO	94660-77588	Dhanpat Kumar
Fire Officer	01669-281142	Agroha
SMO		

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Kiran Bala	Sarpanch	9812626471	Landhari
2	Parveen	Village Secy	8059892000	Landhari
3	Karan Singh	Patwari	9416080310	Landhari
4	Rajender	Numberdar	9812589251	Landhari
Evacuation Team				
1	Lajpati	Asha Worker	9813203076	Landhari
2	Geeta	SHG Head		Landhari
3	Narender	TR.	9812897082	Landhari
4	Shiv Kumar	Ex Serviceman	9896886929	Landhari
Search and Rescue Team				

1	Kiran Bala	Sarpanch	9812626471	Landhari
2	Parveen	Village Secy	8059892000	Landhari
3	Karan Singh	Patwari	9416080310	Landhari
4	Rajender	Numberdar	9812589251	Landhari
First Aid Team				
	Lajwanti	Anganwadi centre	9813203076	Landhari
	Maya Devi	ANM	7027829937	Landhari
	Santosh	ASHA workers	7027828569	Landhari
	Lajwanti	Anganwadi centre	9813203076	Landhari
	Maya Devi	ANM	7027829937	Landhari
Relief Management Team				
	Rajender	Panch	9466238548	Landhari
	Roshan Lal	Panch	9467690168	Landhari
	Kavita	Panch	9812380700	Landhari
Sanitation Team				
	Karan Singh	Patwari	9416080310	Landhari
	Rajender	Numberdar	9812589251	Landhari
	Lajpati	Asha Worker	9813203076	Landhari
Shelter Management Team				
	Rajender	Numberdar	9812589251	Landhari
	Lajpati	Asha Worker	9813203076	Landhari
Carcass Disposal Team				
	Parveen	Village Secy	8059892000	Landhari
	Karan Singh	Patwari	9416080310	Landhari
Damage & Need Assessment Team				
	Parveen	Village Secy	8059892000	Landhari
	Karan Singh	Patwari	9416080310	Landhari

	Rajender	Numberdar	9812589251	Landhari
Rehabilitation & Reconstruction Team				
	Kiran Bala	Sarpanch	9812626471	Landhari
	Parveen	Village Secy	8059892000	Landhari
	Karan Singh	Patwari	9416080310	Landhari

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

No.	Name	Practise/Resource	Address	Mobile No.
1	Parveen	JCB	Landhari	9813119426
2	Anil Kumar	Tractor	Landhari	9466855879
3	Parveen	Truck	Landhari	9034294426
4	Vijay Singh	Car	Landhari	9812626471

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Suresh	Mistri	Landhari	9812702641
Roshan	Car Pinter	Landhari	9467690168
Karamchari	Safai Karamchari	Landhari	9812265197

Chapter 5: Contact details & Updation Mechanism

5.1. List out the important personnel whose contact details have to be included in the plan

- The contact details from 'Chapter – 4 Response Plan' will be updated.

5.2. Updation Mechanism

- Discuss with the village people about whose responsibility is it to update the plan.
- The period in which the VDMP shall 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.