

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Sikarpur
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Sikarpur, Hisar

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village

Sikarpur village is situated near Raipur and Mirjapur in Hisar-1 Block near about 10KM far from Hisar.

b) Village at a glance as under

Name of Village	Sikarpur
Name of Patwari	Dharambir
Name of Village Secretary	Surender Singh
Contact No. of Village Secretary	9812440177
Name of Panchayat	Sikarpur
Name of Sarpanch	Surender Kumar
Contact No. of Sarpanch	9992355017
Name of Block	Hisar-1
Name of Teshil	Hisar
Name of Police Post/Station	Sadar Hisar
No. Of house holds	950
Hospitals	Nil
Schools	One
Industries	Nil
Religious Institutions	Nil

1.2. Population :-

Description	Person	Male	Female
Total Population	6000	3200	2800
Children	1200	650	550
People with disabilities	21	18	3
Elderly/aged	212	107	105
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 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 1500 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	800	6 Month	No	No	No
2	Rice	300	6 Month	No	No	No
3	Cotton	400	6 Month	No	No	No
4	Bajra	100	3 Month	No	No	No

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 (Balsamand Branch)	3/2	1	3	-	150	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 86 percent. There is only one middle Government 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 Sikarpur to Satrod is in bad 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	No	No	No
4	Anganwadi centre	3	Meena Devi	9812320833
5	ANM	Nil	Suresh Lata	9466067659
6	ASHA workers	1	Sunita	9068072079
7	Pvt. Hospital	No	No	No
8	Pvt. Doctors	No	No	No
9	Veterinary doctors	1		
10	Veterinary practitioners	No	No	No
11	Medical practitioners	No	No	No
12	Religious Institution	No	No	No
1	Govt. Primary Schools	1		
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate		86%	
2	Education		Middle	
3	Economy of Village		Agriculture	
4	BPL Family		52	
Household Details				
1	Total House Hold		950	
2	Kucha		Nil	
3	Pucca		750	
4	Semi pucca		150	
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	Low	Due to bad shape of roads
Flood	High	Due to ground water
Earthquake	Med	Depends on moderate quake zone
Building collapse	Low	No old Building
Epidemic / Contagious disease	Med	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	--	--

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>Vulnerable Groups</i>	<i>Facilities Affected</i>
1	Flood	All site of Village	1.Old Age,(212) 2.Children below age 12 1200 3.Women, 2800	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	All community of village can be	Medical facilities,

		and nearby		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 950</i>
Household (HH) in low lying areas	115
HH with poorly constructed houses	25
Old aged population (above 65 age)	212
Children below (0-6 age)	385
Women headed households	77
BPL population	225
Landless HH	405
HH (Low income group)	286

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 produce, kutcha houses, industries, etc.	Agricultural Land
	Floods	Human life, cattle life, crop life, property and public infrastructure.	HH in low laying area and HH situated in the fields(Out side of the village)
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire village in the month of April to September
	Epidemic	Human Life, animal life	Entire village
Low risk Hazards	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.
	Terrorist Attack	Crowded places	Bus stops, Malls, Hospitals, Places of Worship, <i>Melas</i> etc 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	10KM
Public health centre	1	PHC Satrod Kalan	8KM

		01662-222262	
Dispensaries	1	PHC Satrod Kalan 01662-222262	8KM
Veterinary Hospital	1	No	Within village
Private Hospital	1	General Hospital Hisar 01662-278917	10KM
OPD Facility	1	General Hospital Hisar 01662-278917	10KM
X Ray Facility	1	General Hospital Hisar 01662-278917	10KM
Ambulance service	1	General Hospital Hisar 01662-278917/102	10KM
Medicine Shop	1	Ramesh Kumar	In village
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Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

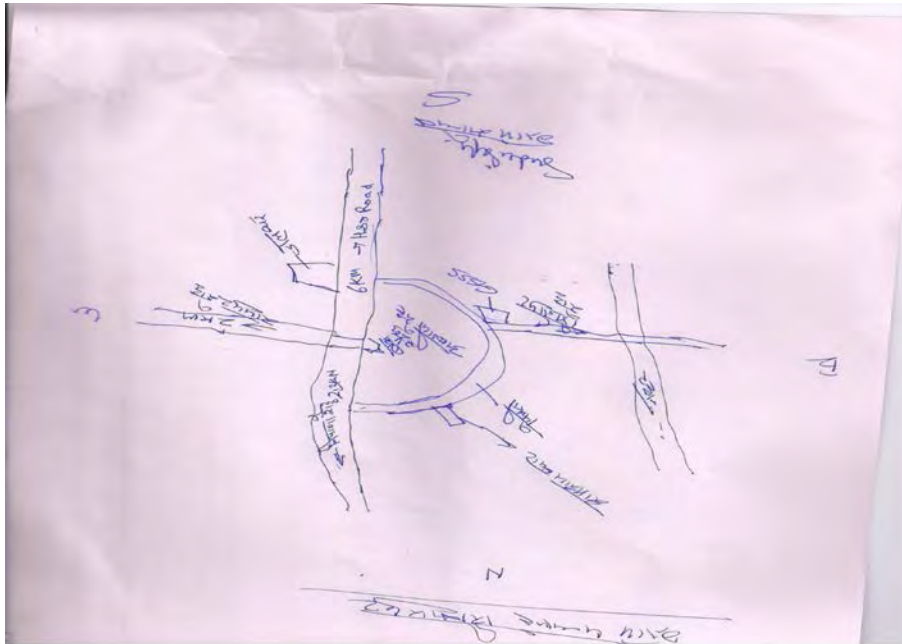
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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.
 -
- 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.

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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

Identify the schemes/ projects running in the village and segregate them relevant to Mitigation and Preparedness measures. For eg:

- 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	Surender	9992355017
ii.	Village Secy	Nodal Officer	Surender	9812440177
iii.	Patwari	Member	Dharambir	9466559404
iv.	Numberdar	Member	Subhash	9468322894
v.	SC Panch	Member	Lakshmi	9996202586
vi.	BC Panch	Member	Rajendra	9416674570
vii.	Women (Mahila) Punch	Member	Manju	9812284652
viii.	Anganwadi Worker	Member	Meena	9812320833
ix.	SHG Heads	Member	Savitri	9812713927
x.	School Representatives	Member	Nihal	
xi.	Ex-servicemen	Member	Balmat	9992598550

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 Completion 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
BDPO	225243	Hisar
Police Officer SHO	100	Sadar Hisar
Village Secretary	Surender Singh	9812440177
Gram Pradhan	Surender Kumar	9992355017
BEO	253170	Hisar
Fire Officer	101, 275050	Hisar
SMO	01662-278917	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	Surender	Sarpanch	9992355017	Sikarpur
2	Surender	Village Secy	9812440177	Sikarpur
3	Dharambir	Patwari	9466559404	Sikarpur
4	Subhash	Numberdar	9468322894	Sikarpur
Evacuation Team				
1	Lakshmi	Member	9996202586	Sikarpur
2	Rajendra	Member	9416674570	Sikarpur
3	Manju	Member	9812284652	Sikarpur
4	Meena	Anganwari	9812320833	Sikarpur
5	Balmat	Ex Servicman	9992598550	Sikarpur

Search and Rescue Team				
1	Savitri	SHG Head	9812713927	Sikarpur
2	Nihal	Tr.		Sikarpur
3	Balmat	Ex Servicman	9992598550	Sikarpur
4	Lakshmi	Member	9996202586	Sikarpur
5	Rajendra	Member	9416674570	Sikarpur
First Aid Team				
1	Meena Devi	Anganwadi centre	9812320833	Sikarpur
2	Suresh Lata	ANM	9466067659	Sikarpur
3	Sunita	ASHA workers	9068072079	Sikarpur
4	Subhash	Numberdar	9468322894	Sikarpur
Relief Management Team				
1	Lakshmi	Member	9996202586	Sikarpur
2	Rajendra	Member	9416674570	Sikarpur
3	Manju	Member	9812284652	Sikarpur
Sanitation Team				
1	Savitri	SHG Head	9812713927	Sikarpur
2	Nihal	Tr.		Sikarpur
3	Balmat	Ex Servicman	9992598550	Sikarpur
Shelter Management Team				
1	Surender	Village Secy	9812440177	
2	Dharambir	Patwari	9466559404	
3	Subhash	Numberdar	9468322894	
Carcass Disposal Team				
1	Rajendra	Member	9416674570	Sikarpur
2	Manju	Member	9812284652	Sikarpur
Damage & Need Assessment Team				
1	Surender	Sarpanch	9992355017	Sikarpur
2	Surender	Village Secy	9812440177	Sikarpur
3	Dharambir	Patwari	9466559404	Sikarpur

Rehabilitation & Reconstruction Team				
1	Surender	Sarpanch	9992355017	Sikarpur
2	Surender	Village Secy	9812440177	Sikarpur
3	Dharambir	Patwari	9466559404	Sikarpur

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	Surender Kumar	JCB Owner		9992355017
2	Subhash	Tractor trolly		9468322894

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Lakshmi	First Aider	Sikarpur	9996202586
Rajendra	Carpenter	Sikarpur	9416674570
Manju	First Aider	Sikarpur	9812284652

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.