

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Sulkhani
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Sulkhani

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village:- Village Sulkhani is situated in block Barwala, District approx 36 Km from District Headquarter and 12 KM from block Headquarter.

b) Village at a glance as under

Name of Village	Sulkhani
Name of Patwari	Subhash
Name of Village Secretary	Sunil
Contact No. of Village Secretary	97298-70960
Name of Panchayat	Sulkhani
Name of Sarpanch	Sushma Rani
Contact No. of Sarpanch	98133-51595
Name of Block	Barwala
Name of Teshil	Hisar
Name of Police Post/Station	Barwala
No. Of house holds	535
Hospitals	1
Schools	2 Govt. and 1 Pvt.
Industries	No
Religious Institutions	2

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	2751	1448	1303
Children	384	195	189
People with disabilities	20	8	12
Elderly/aged	300	182	118
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 to 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 56.5 mm.

1.4. Agricultural Land and Cropping Pattern

The total agricultural land is 2252.5 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 (Hectare)</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	482+55	Nov-April	--	--	--
2	Rice	219	June-Nov			
3	Cotton	321	May-Nov			
4	Bajra	33	May-Nov			
5	Sarso	168	Oct-March			
6	Chana	19	Oct-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	-	Yes	-	-	Yes	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 72 percent. There is only one High 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 Sulkhani to Hisar 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	Nil		
2	CHC	Nil		
3	Medical Shop	1	--	--
4	Anganwadi centre	4	Kailash Devi	97285-47104
5	ANM	1	Naresh	94163-36441
6	ASHA workers	1	Sunita	97290-90805
7	Pvt. Hospital	Nil		
8	Pvt. Doctors	1	Rajender	99922-35604
9	Veterinary doctors	1	Kuldeep	94162-36069
10	Veterinary practitioners	No		
11	Medical practitioners	No		
12	Religious Institution	2		
1	Govt. Primary Schools		Dharambir	98969-05723
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate		72%	
2	Education		High School	
3	Economy of Village		Agriculture and Pet Animal	
4	BPL Family		53	
Household Details				
1	Total House Hold		535	
2	Kucha		45	
3	pucca		385	
4	Semi pucca		105	
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 roads
Flood	Med	Rain, water logging and low laying area in the village
Earthquake	Med	As per risk zone
Building collapse	Med	Due to water logging
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	No	No industry around
Stampede	Med	Only on mehla of village

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,(300) 2.Children below age 384 3.Women, 1448\ 4.Sick Persons, 20	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	All community of	Medical

		affected area and nearby	village can be	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 535</i>
Household (HH) in low lying areas	535
HH with poorly constructed houses	23
Old aged population (above 65 age)	300
Children below (0-6 age)	384
Women headed households	74
BPL population	1412
Landless HH	353
HH (Low income group)	353

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.
	Floods	Human life, cattle life, crop life, property and public infrastructure.	Entire village is vulnerable to flood.
	Fires	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land
	Road Accidents	People travelling on roof/ inside buses. on national Highways, state Highways and other district. Cattle and other animals.	School and College going students.
	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire village
Medium Risk Hazards	Epidemic	Human Life, animal life	Entire village
	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.
Low risk Hazards	Drought	Human Life, crop life, Cattle life,	Entire village is prone to flood like condition. But in summer season i.e. before arrival of monsoon agriculture drought can effect the agriculture depend families.

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	CHC Barwala 01693-242071	8KM
Public health centre	1	PHC Dhansu 01662-264852	5KM
Dispensaries	1	PHC Dhansu 01662-264852	5KM
Veterinary Hospital	1	Dr. Joginder	Within village
Private Hospital	1	- Balaji Hospital	8KM
OPD Facility	1	CHC Barwala 01693-242071	8KM
X Ray Facility	1	CHC Barwala 01693-242071	8KM
Ambulance service	1	CHC Barwala 01693-242071/102	8KM
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Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

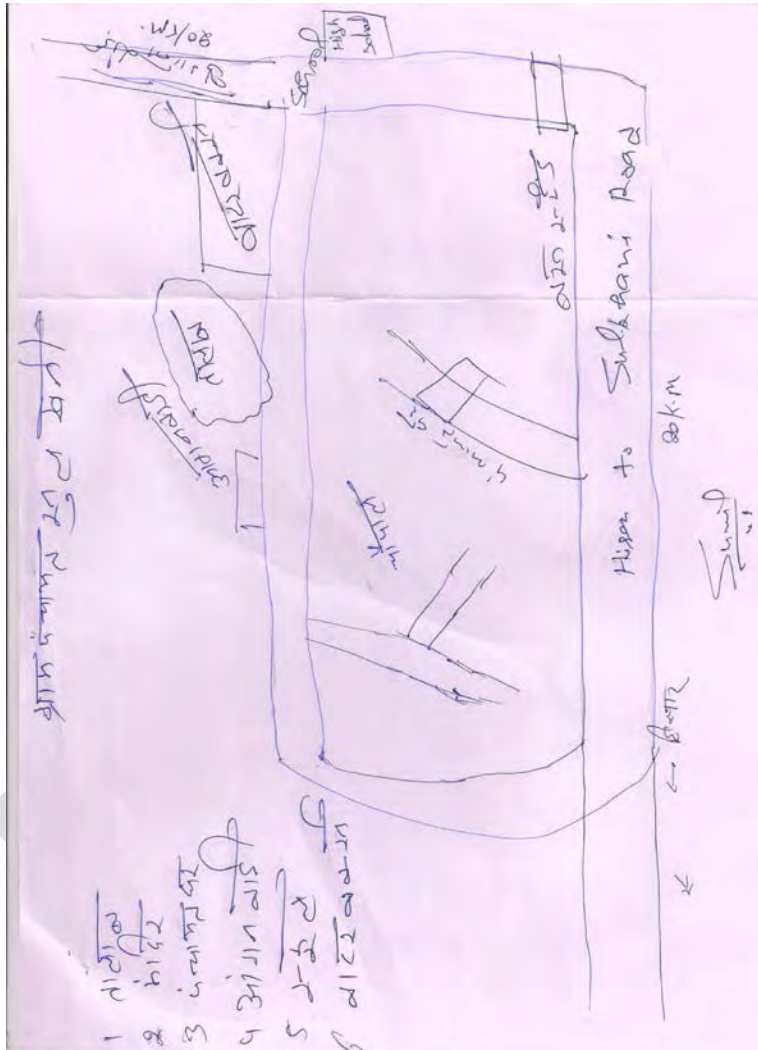
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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....)
-
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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	Sushma Rani	98133-51595
ii.	Village Secy	Nodal Officer	Sunil	97298-70960
iii.	Patwari	Member	Subhash	94163-97925
iv.	Numberdar	Member	Jagdish	99922-63668
v.	SC Panch	Member	Bhagat Singh	98129-63301
vi.	BC Panch	Member	Udey Bhan	86830-06840
vii.	Women (Mahila) Punch	Member	Sharmila Rani	98127-37471
viii.	Anganwadi Worker	Member	Kailash Rani	97285-47104
ix.	SHG Heads	Member		
x.	School Representatives	Member	Dharambir	98969-05723
xi.	Ex-servicemen	Member	Leelu Ram	

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	92152-92001	Rajiv Bhatiya
BDPO	99962-51203	Ramesh Saini, Barwala
Police Officer SHO	01693-242031	Kapil, Barwala
Village Secretary	97298-70960	Sunil
Gram Pradhan	98133-55595	Sushma Rani
BEO	242269	Barwala
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	Sushma Rani	Sarpanch	98133-55595	Sulkhni
2	Sunil	GS	97298-70960	Sulkhni
3	Subhash	Patwari	94163-97925	Sulkhni
4	Jagdish	Namberdar	99922-63668	Sulkhni
Evacuation Team				
1	Rajender Singh	Ex Service	94162-90590	Sulkhni
2	Suman Rani	Member	97286-10283	Sulkhni
3	Jagdish	Namberdar	99922-63668	Sulkhni
4	Sushma Rani	Sarpanch	98133-55595	Sulkhni

Search and Rescue Team				
1	Rajender Singh	Ex Service	94162-90590	Sulkhni
2	Suman Rani	Member	97286-10283	Sulkhni
3	Jagdish	Namberdar	99922-63668	Sulkhni
4	Sushma Rani	Sarpanch	98133-55595	Sulkhni
First Aid Team				
1	Naresh	AMN	94161-36441	Sulkhni
2	Sunita	Asha Worker	97290-90805	Sulkhni
3	Rajender	Dr.	99922-35604	Sulkhni
Relief Management Team				
1	Jagdish	Namberdar	99922-63668	Sulkhni
2	Sunita	Asha Worker	97290-90805	Sulkhni
3	Rajender	Dr.	99922-35604	Sulkhni
Sanitation Team				
1	Rajender Singh	Ex Service	94162-90590	Sulkhni
2	Suman Rani	Member	97286-10283	Sulkhni
3	Jagdish	Namberdar	99922-63668	Sulkhni
Shelter Management Team				
1	Naresh	AMN	94161-36441	Sulkhni
2	Sunita	Asha Worker	97290-90805	Sulkhni
3	Rajender	Dr.	99922-35604	Sulkhni
Carcass Disposal Team				
1	Rajender Singh	Ex Service	94162-90590	Sulkhni
2	Suman Rani	Member	97286-10283	Sulkhni
3	Jagdish	Namberdar	99922-63668	Sulkhni
Damage & Need Assessment Team				
1	Sushma Rani	Sarpanch	98133-55595	Sulkhni
2	Sunil	GS	97298-70960	Sulkhni
3	Subhash	Patwari	94163-97925	Sulkhni

4	Jagdish	Namberdar	99922-63668	Sulkhni
Rehabilitation & Reconstruction Team				
1	Sushma Rani	Sarpanch	98133-55595	Sulkhni
2	Sunil	GS	97298-70960	Sulkhni
3	Subhash	Patwari	94163-97925	Sulkhni
4	Jagdish	Namberdar	99922-63668	Sulkhni

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

No.	Name	Practise/Resource	Mobile No.
1	Jasbir	Tractor Troli	98120-65373
2	Leela	Pik UP	80534-17632

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Rajender	Mistri	Sulkhani	
Lelu Ram	Ex. Service man	Sulkhani	
Fakir Chand	Sports	Sulkhani	
Mandeep	Sports	Sulkhani	

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.