

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Khairi
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Khairi, Block Uklana, Hisar

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village:-

Village Kairi is situated 55 KM from District Headquarter, Village is surrounded by the village Dhani Gopal in the north, Kandul in south, Sahu in east, and Bhuna in the west side.

b) Village at a glance as under

Name of Village	Khairi
Name of Patwari	Satish Kumar
Name of Village Secretary	Shemsher Singh Nain
Contact No. of Village Secretary	9468382000
Name of Panchayat	Kairi
Name of Sarpanch	Malliram
Contact No. of Sarpanch	9812087808
Name of Block	Uklana
Name of Teshil	Uklana
Name of Police Post/Station	Uklana
No. Of house holds	1350
Hospitals	--
Schools	3 Govt. 4 Private
Industries	1
Religious Institutions	2

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	2551	1322	1229
Children	552	308	244
People with disabilities	42	26	16
Elderly/aged	376	225	151
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 5.5-41.6 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 51.3 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 1800 Acers. Wheat , cotton, Gum, Majra 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	1250	Nov-April	--	--	--
2	Bajra	500	July-Oct			

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 Pawra Sub Branch	--	--	--	--	--	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 72 percent. There is one Govt. High Schools and senior secondary school in the village and 3 private schools, where children get their education. For further studies children have to go to Uklana, Barwala or Hisar.

1.7. Roads and Transport

Situation of road is not too good within the Village as the condition of road is good out side of the village and connectivity with Uklana , Bhuna and Hisar is good. 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	--	--	--
2	CHC	--	--	--
3	Medical Shop	3	Amar	9050430200
4	Anganwadi centre	5	Asha Rani	9728182588
5	ANM	1	Suresh Kumar	7027829870
06	ASHA workers	6	Nitu	7027829662
7	Pvt. Hospital	--	--	--
8	Pvt. Doctors	--	--	--
9	Veterinary doctors	--	--	--
10	Veterinary practitioners	1	Roshan	8607328028
11	Medical practitioners	--	--	--
12	Religious Institution	2	Ashok Giri	016693291201
1	Govt. Primery Schools	2	Urmila Devi	9812237400 *****
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate	72%	Sr. Secondary School	
2	Education		Sr. Secondary School	
3	Economy of Village		Agriculture and allied activities	
4	BPL Family		225 MNREGA	
Household Details				
1	Total House Hold		1350	
2	Kucha		225	
3	pucca		800	
4	Semi pucca		300	
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 road
Flood	High	Flood Prone Area, Low laying area
Earthquake	Med	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	Nil
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	All Site of the village	1. Old Age 376 2. Children 552 3. Woman widow 236 4. BPL Family 320	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		Medium possibility	
6	Pest Attack	Agriculture area	Can be in crops. 1603 Farmer will be affected	Crop Failure
7	Heat Wave		Village population	Medical Facilities
8	Cold Wave		Village population	Medical Facilities
9	Road Accidents		65 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 1300</i>
Household (HH) in low lying areas	--
HH with poorly constructed houses	300
Old aged population (above 65 age)	376
Children below (0-6 age)	552
Women headed households	236
BPL population	320(560)
Landless HH	320
HH (Low income group)	750

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	Agricultural Land

		life, agricultural produce, kutchas, houses, industries, etc.	especially wheat and rice crops.
	Road Accidents	People travelling on roof/ inside buses. on national Highways, state Highways and other district. Cattle and other animals.	HH on side of the road.
	Floods	Human life, cattle life, crop life, property and public infrastructure.	Entire village
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire village
Low risk Hazards	Drought	Human Life, crop life, Cattle life,	Due to failure of monsoon
	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, Ayurvedic	Sonam 8929240678	1 KM
Public health centre	1	PHC Pabra 01693-233377	5 KM
Dispensaries	1	Sonam, 8929240678	1KM
Veterinary Hospital	1	Roshan 8607328038	1KM
Private Hospital	--	--	--
OPD Facility	1	CHC Ukalana	12Km

		01693-233003	
X Ray Facility	1	CHC Ukalana 01693-233003	12Km
Ambulance service	1	CHC Ukalana 01693-233003	12Km
Medicine Shop	3	Amar Medical Hall	1 KM

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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
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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	Kalliram	9812087808
ii.	Village Secy	Nodal Officer	Ramesher Nain	9468382000
iii.	Patwari	Member	Satish Kuamr	8901012270
iv.	Numberdar	Member	Ramniwas	8053010252
v.	SC Panch	Member	Inder Singh	9992492721
vi.	BC Panch	Member	Jalmer Singh	9992873219
vii.	Women (Mahila) Panch	Member	Suman	8607196005
viii.	Anganwadi Worker	Member	Asha Rani	9728182588
ix.	SHG	Member	--	--
x.	School Representation	Member	Ashwani	8901482558
xi.	Ex Serviceman	Member	Dr. Balwant Singh	--

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 condcuted 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	01693-242211	Barwala
ADO	9812688568	Sohan Lal
BDPO	9996251203	Ramesh Kumar, Uklana
Police Officer SHO	100	Uklana
Village Secretary	9468382000	Shemsher Singh
Gram Pradhan	9812087808	Kalliram
BEO	233318	Uklana
Fire Officer	244300	Barwala

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Kalliram	Sarpanch	9812087808	Kairi
2	Satish Kuamr	Patwari	8901012270	Kairi
3	Shemsher Nain	Sachive	9468382000	Kairi
4	Asok Giri	Namberdar	01693239201	Kairi
Evacuation Team				
1	Dr. Balwant	Ex Serviceman	--	Kairi
2	Sunil Kuamr	Yuva	9991333242	Kairi
3	Vinod Kumar	Yuva	9466889592	Kairi
4	Sankutla	Panch	9813265701	Kairi
Search and Rescue Team				

1	Dr. Balwant	Ex Serviceman	--	Kairi
2	Sunil Kuamr	Yuva	9991333242	Kairi
3	Vinod Kumar	Yuva	9466889592	Kairi
4	Sankutla	Panch	9813265701	Kairi
First Aid Team				
1	Suresh Kumari	ANM	7027829870	Kairi
2	Neetu	Asha Worker	7027829662	Kairi
3	Sonam	RMP	8929240678	Kairi
4	Amar	Medical	9050430200	Kairi
Relief Management Team				
1	Kalliram	Sarpanch	9812087808	Kairi
2	Ramesh	Patwari	9468382000	Kairi
3	Ramsingh	Depot Holder	8053188399	Kairi
Sanitation Team				
1	Patel Singh	Panch	9466441781	Kairi
2	Ramkala	Operator	8059450536	Kairi
3	Ramphal	Sweeper	8059356927	Kairi
Shelter Management Team				
1	Ashwani Kumar	Headmaster	8901482558	Kairi
2	Kalliram	Sarpanch	9812087808	Kairi
3	Sunil Kumar	Yuva Club	9991333242	Kairi
Damage & Need Assessment Team				
1	Kalliram	Sarpanch	9812087808	Kairi
2	Satish Kuamr	Patwari	8901012270	Kairi
3	Shemsher Nain	Sachive	9468382000	Kairi
Rehabilitation & Reconstruction Team				
1	Kalliram	Sarpanch	9812087808	Kairi
2	Satish Kuamr	Patwari	8901012270	Kairi
3	Shemsher Nain	Sachive	9468382000	Kairi

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	Jitender	JCB	Kairi	9416331436
2	P.P	Tractor Trolly 35	Kairi	9416061193
3	Sukhvir	Tractor Rroly 6	Kairi	9991455397

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Krishan	Mistri	Kairi	7056122509
Surja Ram	Ex-Army	Kairi	9812115550
Baro Ram	Swimmer	Kairi	9034448531
Ved Parkash	Sports	Kairi	8901431361

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.