

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Kalirawan
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Kalirawan

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village Kalirawan village situated at Adampur to Agroha road. Kalirawan 8 KM from Agroha and 7 KM from Adampur

b) Village at a glance as under

Name of Village	Kalirawan
Name of Patwari	Uedy Bhan
Name of Village Secretary	Prem Parkash
Contact No. of Village Secretary	9991372831
Name of Panchayat	Kalirawan
Name of Sarpanch	Parbhuram Kaswan
Contact No. of Sarpanch	9896666507
Name of Block	Agroha
Name of Teshil	Adampur
Name of Police Post/Station	Agroha
No. Of house holds	
Hospitals	Nil
Schools	2
Industries	Nil
Religious Institutions	2 Shiv Mandir and Shyam Mandir

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	8627	4594	4033
Children	921	406	415
People with disabilities	15	12	3
Elderly/aged	453	240	213
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 235 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	202	6 Month	No	No	
2	Rice	Nil				
3	Jawar	35	3 Month	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>
	No	No	No	No	No	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 70 percent. There is Government Sen. Sec. 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 Kalirawan to Agroha is in bad shape. For commuting, people prefer private vehicle 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	Vikash	98130-67041
4	Anganwadi centre	10	Rajbala, Sumitra	97287-27565
5	ANM	No	No	No
6	ASHA workers	No	No	No
7	Pvt. Hospital	No	No	No
8	Pvt. Doctors	No	Baljeet	98124-72894
9	Veterinary doctors	1		
10	Veterinary practitioners	No	No	No
11	Medical practitioners	1	Vikash	9813067041
12	Religious Institution	1		
1	Govt. Primary Schools	1	Ishwar Singh	94164-55779
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate		70%	
2	Education Primary		Sen Sec. School	
3	Economy of Village		Agriculture	
4	BPL Family =30		269	
Household Details				
1	Total House Hold			
2	Kucha			
3	pucca			
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	Med	Due to bad shape of roads
Flood	Low	Drought prone village
Earthquake	Low	Low risk zone
Building collapse	Low	Good condition
Epidemic / Contagious disease	Med	Due to unhygienic conditions
Fire	Low	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 Drought Prone village	1.Old Age, (Mention the numbers) 2.Children below age 12 3.Women, 4.Sick Persons, 5.Below Poverty Line	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		Med 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</i>
Household (HH) in low lying areas	NA
HH with poorly constructed houses	NA
Old aged population (above 65 age)	453
Children below (0-6 age)	921
Women headed households	304
BPL population	269
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	Earthquake	Human life, cattle life, public infrastructure, environment, etc.	Entire village falls in EQ Zone- II i.e. Low damage risk zone.
	Chemical Accidents	Human Life, cattle life, Environment, etc.	HH nearby main road
	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.
	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.	HH nearby main road school and college going students.
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	
	Epidemic	Human Life, animal life	
Low risk Hazards			
	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	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	Agroha 281194	8 KM
Public health centre	1	Agroha 281146	8KM
Dispensaries	-	-	-
Veterinary Hospital	1		In Village
Private Hospital	1	Adampur	7KM
OPD Facility	1	Agroha 281194	8KM
X Ray Facility	1	Agroha 281194	8KM
Ambulance service	1	Agroha 281194	8KM
Medicine Shop	1	Vikash	9813067045

Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

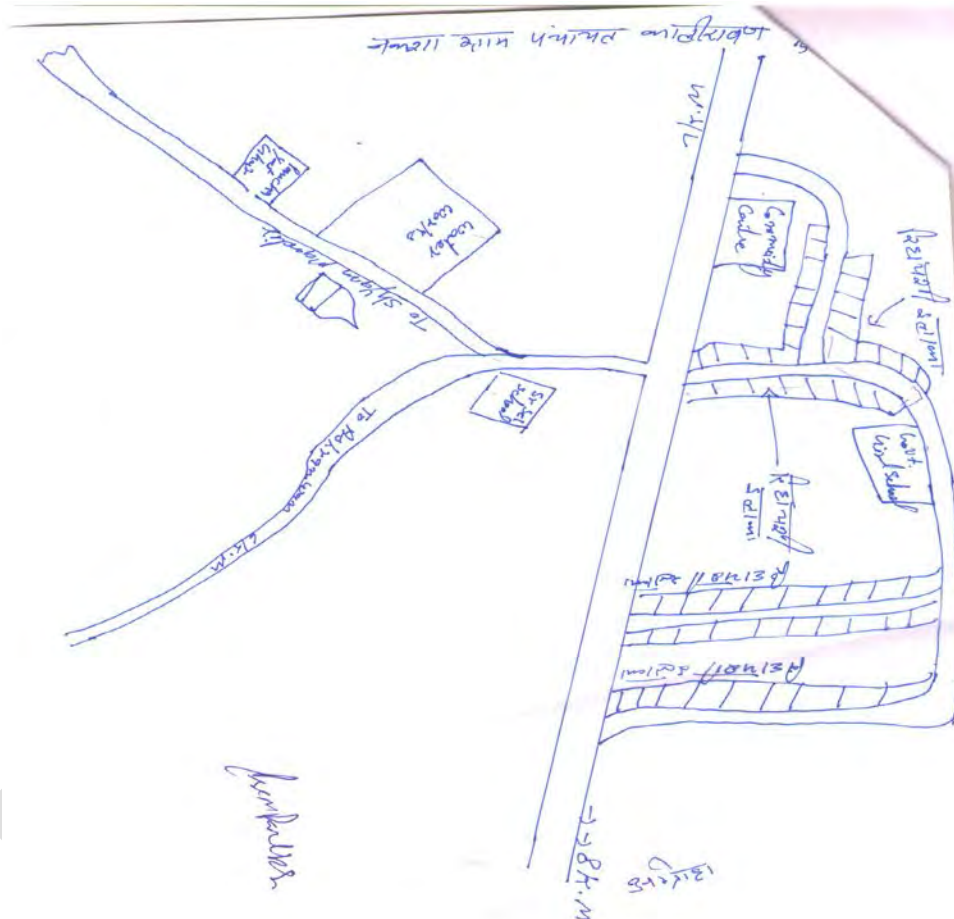
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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

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

- NREGA(for drought 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	Parbhu ram	9896666507
ii.	Village Secy	Nodal Officer	Prem Parkash	9991372831
iii.	Patwari	Member	Udey Bhan	9416673044
iv.	Numberdar	Member	Bhoop Singh	9729007773
v.	SC Panch	Member	Bajrang	
vi.	BC Panch	Member	Pritem	
vii.	Women (Mahila) Punch	Member	Suman	9812158561
viii.	Anganwadi Worker	Member	Rajbala	9728727565
ix.	SHG Heads	Member	NA	
x.	School Representatives	Member		
xi.	Ex-servicemen	Member	Bhoop Singh	9992738883

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	9991372831	Prem Parkash
Gram Pradhan	9896666507	Parbhu Ram Kaswan
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	Parbhu ram	Sarpanch	9896666507	Kalirawan
2	Prem Parkash	Village Secy	9991372831	Kalirawan
3	Udey Bhan	Patwari	9416673044	Kalirawan
4	Bhoop Singh	Numberdar	9729007773	Kalirawan
Evacuation Team				
1	Bajrang	Member		Kalirawan
2	Pritem	-do-	9812646149	Kalirawan
	Suman	-do	9812158561	Kalirawan
	Rajbala	-do	9728727565	Kalirawan

Search and Rescue Team				
	Parbhu ram	Sarpanch	9896666507	Kalirawan
	Prem Parkash	Village Secy	9991372831	Kalirawan
	Udey Bhan	Patwari	9416673044	Kalirawan
	Bajrang	Member		Kalirawan
First Aid Team				
	Udey Bhan	Patwari	9416673044	Kalirawan
	Bhoop Singh	Numberdar	9729007773	Kalirawan
	Baljeet	RMP	9812472894	Kalirawan
	Pritem	-do-	9812646149	Kalirawan
	Suman	-do	9812158561	Kalirawan
Relief Management Team				
	Baljeet	RMP	9812472894	Kalirawan
	Pritem	-do-	9812646149	Kalirawan
	Suman	-do	9812158561	Kalirawan
Sanitation Team				
	Udey Bhan	Patwari	9416673044	Kalirawan
	Bhoop Singh	Numberdar	9729007773	Kalirawan
	Baljeet	RMP	9812472894	Kalirawan
Shelter Management Team				
	Pritem	-do-	9812646149	Kalirawan
	Suman	-do	9812158561	Kalirawan
	Rajbala	-do	9728727565	Kalirawan
Carcass Disposal Team				
	Suman	-do	9812158561	Kalirawan
	Rajbala	-do	9728727565	Kalirawan
Damage & Need Assessment Team				
	Bajrang	Member		Kalirawan
	Pritem	-do-	9812646149	Kalirawan
	Suman	-do	9812158561	Kalirawan

Rehabilitation & Reconstruction Team				
	Parbhu ram	Sarpanch	9896666507	Kalirawan
	Prem Parkash	Village Secy	9991372831	Kalirawan
	Udey Bhan	Patwari	9416673044	Kalirawan

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

No.	Name	Practise/Resource	Add.	Mobile No.
1	Prem	JCB	Kalirawan	9728624190
2	Sultan	Tractor	Kalirawan	9896736254
3	Dayaveer	-do-	Kalirawan	9813137000
4	Pawan Kumar	Pick-UP	Kalirawan	

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Ram Kumar	Khati	Kalirawan	
Randhir Singh	Mistri Raj	-do	

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.