

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Gawar
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Gawar

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 Gawar village is 25 KM in south from Hisar District in block Hisar 2.

b) Village at a glance as under

Name of Village	Ganwar
Name of Patwari	Raj Kumar
Name of Village Secretary	Ashok Kumar
Contact No. of Village Secretary	94165-44898
Name of Panchayat	Gawar
Name of Sarpanch	Savita
Contact No. of Sarpanch	98124-86608
Name of Block	Hisar-2
Name of Teshil	Sub Tehsil Balsamand
Name of Police Post/Station	Balsamand
No. Of house holds	651
Hospitals	PHC
Schools	2
Industries	Nil
Religious Institutions	1

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	2868	1517	1351
Children	334	186	148
People with disabilities	40	19	21
Elderly/aged	172	75	97
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 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 4737 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	158	6 Month	No	No	No
2	Chana	3272	6 Month	No	No	No
3	Cotton	10	6 Month	No	No	No
4	Bajra	461	6 Month	No	No	No
5	Ganwar	2845	6 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	Nil	1	1	Nil	40	All Village

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 85 percent. There is two Government school in the village where children get their education. For further studies children have to go to Balsamad and Hisar.

1.7. Roads and Transport

Condition of road is not so good within the village. Road from Gawar to Balsamand 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	1	Dr. PHC	-01662-292008
2	CHC	1	-	-
3	Medical Shop	-	-	-
4	Anganwadi centre	4	Geeta Devi	86858-05104
5	ANM	1	Prmila	7027830163
6	ASHA workers	4	Saroj	7027829183
7	Pvt. Hospital	-	-	-
8	Pvt. Doctors	-	-	-
9	Veterinary doctors	1	-	-
10	Veterinary practitioners	-	-	-
11	Medical practitioners	-	-	-
12	Religious Institution	1	-	-
1	Govt. Primary Schools	1	-	-
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate		85%	
2	Education		High School	
3	Economy of Village		Agriculture	
4	BPL Family			
Household Details				
1	Total House Hold		651	
2	Kucha		5	
3	pucca		631	
4	Semi pucca		15	
5	Other critical ESTABLISHMENTS		1	

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 Area
Earthquake	Low	Low Risk Zone
Building collapse	Low	No critical building
Epidemic / Contagious disease	Low	Due to hygienic conditions
Fire	High	Short circuit, Fire in field
Heat Wave	Med	summer
Cold Wave	Med	Winters
Industrial / Chemical hazard	Low	No Industry
Stampede	Low	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		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</i>
Household (HH) in low lying areas	Nil
HH with poorly constructed houses	12
Old aged population (above 65 age)	172
Children below (0-6 age)	334
Women headed households	40
BPL population	125
Landless HH	140
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,	Entire village falls in EQ Zone- IV i.e. high damage risk zone.

		environment, etc.	
	Chemical Accidents	Human Life, cattle life, Environment, etc.	.
	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.	
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	
	Floods	Human life, cattle life, crop life, property and public infrastructure.	
	Epidemic	Human Life, animal life	
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	PHC	Arun Kumar 98964-03064	In village

Public health centre	PHC	Arun Kumar 98964-03064	In village
Dispensaries	1	Arun Kumar 98964-03064-	-
Veterinary Hospital	1	Gawar	In Village
Private Hospital	1	Balaji Hospital	22KM
OPD Facility	1	PHC Gawar01662- 292008	In Village
X Ray Facility	1	CHC Aryanagar 01662-260945	16KM
Ambulance service	1	CHC Aryanagar 01662-260945	16KM
Medicine Shop	PHC	Arun Kumar 98964-03064	In village

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

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

- 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 to control drought like conditions in the village.
- Total Sanitation Campaign(preventing epidemic like situation)
- Rural Connectivity Programme(economic development of agriculture sector and allied activities in the villages)

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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	Savita	9812486608
ii.	Village Secy	Nodal Officer	Ashok	9416544898
iii.	Patwari	Member	Raj Kumar	9466290408
iv.	Numberdar	Member	Vijay	9416796254
v.	SC Panch	Member	Salender Singh	
vi.	BC Panch	Member	Dharambir	8222826188
vii.	Women (Mahila) Punch	Member	Sunita	9992383022
viii.	Anganwadi Worker	Member	Geeta	8685805104
ix.	SHG Heads	Member		
x.	School Representatives	Member	Meena	9996614588
xi.	Ex-servicemen	Member	Prem Singh	8814931520

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
BDPO	9416090603	Ramesh Kumar BDPO Hisar-2
Police Officer SHO	8814011333	Dev Raj
Village Secretary	9416544898	Ashok Kumar
Gram Pradhan	8685805104	Savita
BEO	253170	Hisar-2
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	Savita	Sarpanch	9812486608	Gawar
2	Ashok	Village Secy	9416544898	Balasmand
3	Raj Kumar	Patwari	9466290408	Balasmand
4	Vijay	Numberdar	9416796254	Gawar
Evacuation Team				
1	Dharambir	BC Panch	8222826188	Gawar
2	Sunita	Women Punch	9992383022	Gawar
3	Geeta	Anganwadi Worker	8685805104	Gawar
4	Salender Singh	SC Panch		Gawar
Search and Rescue Team				
	Savita	Sarpanch	9812486608	Gawar

	Ashok	Village Secy	9416544898	Gawar
	Raj Kumar	Patwari	9466290408	Gawar
	Vijay	Numberdar	9416796254	Gawar
First Aid Team				
	Geeta Devi	Anganwadi centre	86858-05104	Gawar
	Prmila	ANM	7027830163	Gawar
	Saroj	ASHA workers	7027829183	Gawar
	Geeta Devi	Anganwadi centre	86858-05104	Gawar
Relief Management Team				
	Savita	Sarpanch	9812486608	Gawar
	Ashok	Village Secy	9416544898	Gawar
	Raj Kumar	Patwari	9466290408	Gawar
Sanitation Team				
	Savita	Sarpanch	9812486608	
	Ashok	Village Secy	9416544898	
	Raj Kumar	Patwari	9466290408	
Shelter Management Team				
	Savita	Sarpanch	9812486608	
	Ashok	Village Secy	9416544898	
	Raj Kumar	Patwari	9466290408	
Damage & Need Assessment Team				
	Savita	Sarpanch	9812486608	Gawar
	Ashok	Village Secy	9416544898	Gawar
	Raj Kumar	Patwari	9466290408	Gawar
Rehabilitation & Reconstruction Team				
	Savita	Sarpanch	9812486608	Gawar
	Ashok	Village Secy	9416544898	Gawar
	Raj Kumar	Patwari	9466290408	Gawar

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

No.	Name	Practise/Resource	Address	Mobile No.
1	Mange Ram	Tractor Trolley	Gawar	8683873770
2	Suresh	Tractor Trolley	Gawar	9813654358
3	Shyam Lal	Tractor Trolley	Gawar	8816962014
4				

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Suresh	JCB	Gawar	9813654358

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 – 3 Response Plan' can be mentioned here

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.