

VILLAGE SAFETY INITIATIVE

By



**Revenue and Disaster Management Department
Government of Haryana**

**VILLAGE DISASTER MANAGEMENT PLAN
MODEL TEMPLATE
2015-16**



**CENTRE FOR DISASTER MANAGEMENT
HARYANA INSTITUTE OF PUBLIC ADMINISTRATION
GURGAON**

Village Disaster Management Plan, Mirjapur

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village

Mirjapur is situated in the south side village Shikarpur and south west side of village Raipur, in north side of Hisar from 15 Km from district H.Q Hisar.

b) Village at a glance as under

Name of Village	Mirjapur
Name of Patwari	Vinay Kumar
Name of Village Secretary	Surender Kumar
Contact No. of Village Secretary	9812440177
Name of Panchayat	Mirjapur
Name of Sarpanch	Rajbir Singh
Contact No. of Sarpanch	9812358068
Name of Block	Hisar-1
Name of Teshil	Hisar
Name of Police Post/Station	Sadar Hisar
No. Of house holds	1250
Hospitals	Nil
Schools	4
Industries	Nil
Religious Institutions	Nil

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	7000	3800	3200
Children	1750	900	850
People with disabilities	36	30	06
Elderly/aged	262	134	128
Those who dependent upon specific medication for survival	-	-	-
Transgender	Nil	Nil	Nil

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 6545 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	2800	6 Month	Nil	Yes	-
2	Rice	1400	6 Month	No	Yes	-
3	Cotton	1000	6 Month	No	No	-
4	Bajra	500	6 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 **(Write for the respective village):-**

<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 canal)	03/03	500	Nil	Nil	80	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 86 percent. There is Sen. Sec. 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 Mirjapur 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	Nil	Nil
2	CHC	Nil	Nil	Nil
3	Medical Shop	1	Dalbir	9416438674
4	Anganwadi centre	4		
5	ANM	Nil	Nil	Nil
6	ASHA workers	3	Sushila	7027829488
7	Pvt. Hospital	1	Sushma	7027829492
8	Pvt. Doctors	1	Vina	7027829494
9	Veterinary doctors	1	Mahbir Verma	9416343712
10	Veterinary practitioners	Nil	Nil	Nil
11	Medical practitioners	Nil	Nil	Nil
12	Religious Institution	Nil	Nil	Nil
1	Govt. Primary Schools	1		
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate		86%	
2	Education		Sen. Sec. School	
3	Economy of Village		Agriculture	
4	BPL Family		81	
Household Details				
1	Total House Hold		1250	
2	Kucha		Nil	
3	pucca		1000	
4	Semi pucca		250	
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	Med	Rain, Water logging problem in the village
Earthquake	Med	Medium risk zone
Building collapse	Low	No old building
Epidemic / Contagious disease	Nil	Due to unhygienic conditions
Fire	Nil	Short circuit, Fire in field
Heat Wave	Med	summer
Cold Wave	Med	Winters
Industrial / Chemical hazard	Nil	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>Vulnerable Groups</i>	<i>Facilities Affected</i>
1	Flood	All site of Village	1.Old Age, (Mention the numbers) 262 2.Children below age 12 1750 3.Women, 128 4.Sick Persons, 5.Below Poverty Line 81	1.Drainage , 2.Electricity, 3.Drinking water, 4.Road 5.Communication, 6.Govt Property, 7.Agriculture 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</i>
Household (HH) in low lying areas	85HH
HH with poorly constructed houses	60
Old aged population (above 65 age)	262
Children below (0-6 age)	415
Women headed households	85
BPL population	320
Landless HH	500
HH (Low income group)	850

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. high damage risk zone.
	Fires	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire village in the month of April to September.m
	Floods	Human life, cattle life, crop life, property and public infrastructure.	35 houses around the water pond and HH in low laying area.
	Epidemic	Human Life, animal life	35 houses around the water pond and HH in low laying area.
Low risk Hazards	Drought	Human Life, crop life, Cattle life,	Due to failure of monsoon drought like condition can occurred in the 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	Places of Worship i.e Shiv Mandir, <i>Melas of Mahashivratri is famous from this village hence village is soft target for terrorist attack.</i>

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	Civil Hospital 01662-278917	11 KM
Public health centre	1	Civil Hospital 01662-278917	11 KM

Dispensaries	1	Civil Hospital 01662-278917	11 KM
Veterinary Hospital	1	Near village	Nil
Private Hospital	5	CMC Hospital 226720	12Km
OPD Facility	1	Civil Hospital 01662-278917	11 KM
X Ray Facility	1	Civil Hospital 01662-278917	11 KM
Ambulance service	1	Civil Hospital 01662-278917	11 KM
Medicine Shop	Nil	Nil	Nil

Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

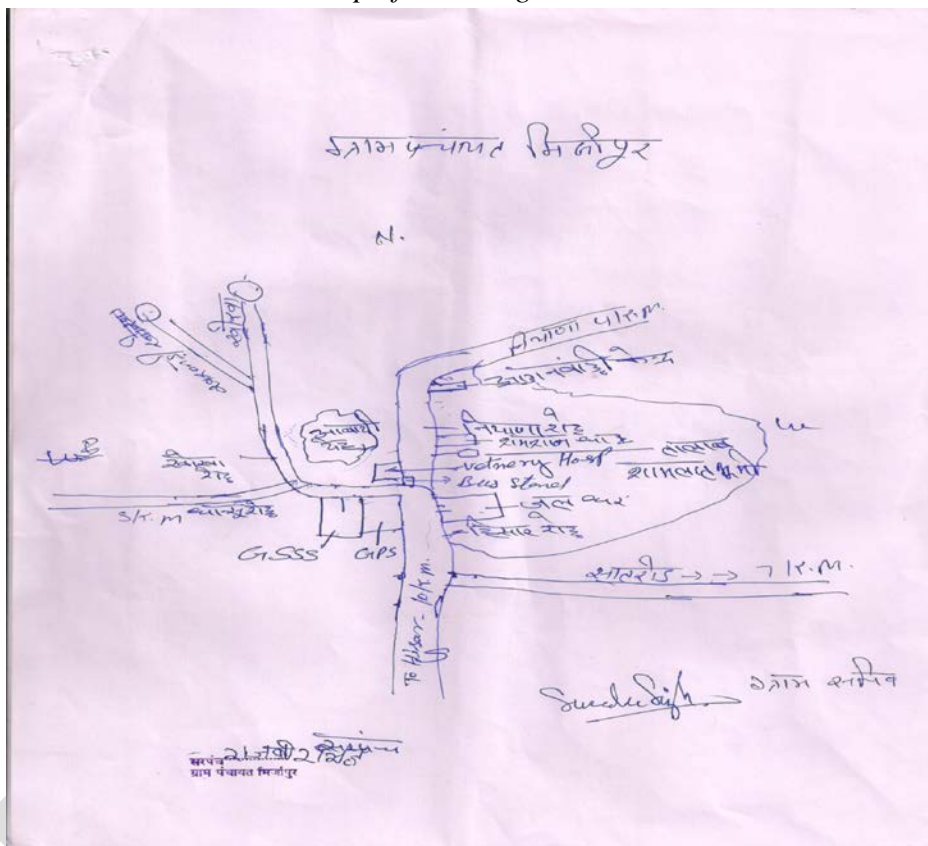
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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)
- Total Sanitation Campaign

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	Rajbir Singh	9812358068
ii.	Village Secy	Nodal Officer	Surender	9812440177
iii.	Patwari	Member	Vijay Kumar	9812730401
iv.	Numberdar	Member	Naresh	9728792547
v.	SC Panch	Member	Banarasi	9996307661
vi.	BC Panch	Member	Bijender	9466450731
vii.	Women (Mahila) Panch	Member	Pinki	9416922504
viii.	Anganwadi Worker	Member	Urmila	9467701815
ix.	SHG Heads	Member	Bimla Rani	9728713244
x.	School Representatives	Member	Baru Ram	9813407877
xi.	Ex-servicemen	Member	Sadhu Ram	7876905335

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	225243	BDPO Office Hisar
Police Officer SHO	100	Sadar Hisar
Village Secretary	9812440177	Surender Singh
Gram Pradhan	9812358068	Rajbir Singh
BEO	253170	Hisar
Fire Officer	101, 275050	Hisar
SMO	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	Rajbir Singh	Sarpanch	9812358068	Mirjapur
2	Surender	Village Secy	9812440177	Mirjapur
3	Vijay Kumar	Patwari	9812730401	Mirjapur
4				
Evacuation Team				
1	Naresh	Numberdar	9728792547	Mirjapur
2	Banarasi	SC Panch	9996307661	Mirjapur
3	Bijender	BC Panch	9466450731	Mirjapur
4	Baru Ram	Tr.	9813407877	Mirjapur
5	Sadhu Ram	Ex Serviceman	7876905335	Mirjapur
Search and Rescue Team				

1	Pinki	Women Punch	9416922504	Mirjapur
2	Urmila	Anganwadi Worker	9467701815	Mirjapur
3	Bimla Rani	SHG Heads	9728713244	Mirjapur
4	Baru Ram	Tr.	9813407877	Mirjapur
5	Sadhu Ram	Ex Serviceman	7876905335	Mirjapur
First Aid Team				
1	Baru Ram	Tr.	9813407877	Mirjapur
2	Sadhu Ram	Ex Serviceman	7876905335	Mirjapur
3	Urmila	Anganwadi Worker	9467701815	Mirjapur
4	Bimla Rani	SHG Heads	9728713244	Mirjapur
Relief Management Team				
1	Rajbir Singh	Sarpanch	9812358068	Mirjapur
2	Surender	Village Secy	9812440177	Mirjapur
3	Vijay Kumar	Patwari	9812730401	Mirjapur
Sanitation Team				
1	Sadhu Ram	Ex Serviceman	7876905335	Mirjapur
2	Urmila	Anganwadi Worker	9467701815	Mirjapur
3	Bimla Rani	SHG Heads	9728713244	Mirjapur
Shelter Management Team				
1	Rajbir Singh	Sarpanch	9812358068	Mirjapur
2	Surender	Village Secy	9812440177	Mirjapur
3	Vijay Kumar	Patwari	9812730401	Mirjapur
Damage & Need Assessment Team				
1	Rajbir Singh	Sarpanch	9812358068	Mirjapur
2	Surender	Village Secy	9812440177	Mirjapur
3	Vijay Kumar	Patwari	9812730401	Mirjapur
Rehabilitation & Reconstruction Team				
1	Rajbir Singh	Sarpanch	9812358068	Mirjapur

2	Surender	Village Secy	9812440177	Mirjapur
3	Vijay Kumar	Patwari	9812730401	Mirjapur

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	Parkash	Ex Panch		7206321937
2	Rajbir	Sarpanch		9812358068

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Bimla Rani	SHG Heads	Mirjapur	9728713244
Sadhu Ram	Ex Serviceman	Mirjapur	7876905335

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.