

# Village Disaster Management Plan

## HISAR



**Government Of Haryana**  
Department of Revenue & Disaster Management



**Majra**  
**2015-16**



**HARYANA INSTITUTE OF PUBLIC ADMINISTRATION**

**Plot 76, HIPA Complex, Sector 18, Gurgaon**

# Village Disaster Management Plan, Majra, Block Narnound, Hisar

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# Chapter 1: Situational Analysis of Village

## 1.1. Introduction

**Village Profile:** - a) Description of village:-

Village Majra is situated 45 KM from District Headquarter. Village is bounded by village Thurana in the east, Moth in the west Narnaund in the north and Madha in the south.

b) Village at a glance as under

<b>Name of Village</b>	Majra
<b>Name of Patwari</b>	<b>Subash Chander</b>
<b>Name of Village Secretary</b>	<b>Rakesh Kumar</b>
<b>Contact No. of Village Secretary</b>	<b>9992174747</b>
<b>Name of Panchayat</b>	<b>Majra</b>
<b>Name of Sarpanch</b>	<b>Kiran Devi</b>
<b>Contact No. of Sarpanch</b>	<b>9896038766</b>
<b>Name of Block</b>	<b>Narnaund</b>
<b>Name of Teshil</b>	<b>Narnaund</b>
<b>Name of Police Post/Station</b>	<b>Narnaund</b>
<b>No. Of house holds</b>	<b>1243</b>
<b>Hospitals</b>	--
<b>Schools</b>	<b>1</b>
<b>Industries</b>	--
<b>Religious Institutions</b>	<b>1</b>

## 1.2. Population :-

<b>Description</b>	<b>Person</b>	<b>Male</b>	<b>Female</b>
Total Population	4985	2650	2335
Children	474	232	242
People with disabilities	37	31	6
Elderly/aged	458	240	218
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 5.5-45.6 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 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 3047 Acers. Wheat , cotton, Gum, Majra are major crops grown in the village.

<b>Cropping Pattern at Village</b>						
<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	2307	Nov-April	--	--	--
2	Rice	2535	Nov-March			
3	Cotton	1925	May-Oct			
4	Bajra	220	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 Sunder Miner Branch	4 ponds	2	--	--	69	Yes

### 1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 63 percent. There is only 1 Govt. High school in the village where children get their education. For further studies children have to go to Narnound, Hansi or Hisar.

### 1.7. Roads and Transport

Condition of road is good within the village and connectivity with Naround, hansi and Hisar is too 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	--	--	--
4	Anganwadi centre	6	<b>Kamla</b>	9813938099
5	ANM	2	Sudesh	7027829958
6	ASHA workers	4	<b>Neelam</b>	<b>9050612656</b>
7	Pvt. Hospital	--	--	--
8	Pvt. Doctors	--	--	--
9	Veterinary doctors	1	<b>Ajay Kumar</b>	<b>9728459051</b>
10	Veterinary practitioners	--	--	--
11	Medical practitioners	--	--	--
12	Religious Institution	1	<b>Chanan Lal</b>	9416921687
1	Govt. Primary Schools	1	<b>Ranvir</b>	<b>9255986628</b>
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate 63%		High School	
2	Education		High School	
3	Economy of Village		Agriculture and allied activities	
4	BPL Family		117, MNREGA	
Household Details				
1	<b>Total House Hold</b>		<b>1234</b>	
2	<b>Kucha</b>		<b>06</b>	
3	<b>pucca</b>		<b>1196</b>	
4	<b>Semi pucca</b>		<b>32</b>	
5	<b>Other critical ESTABLISHMENTS</b>		<b>--</b>	

## Chapter 2: Hazard, Risk, Vulnerability, Capacity Assessment

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### 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 and situated on the main road.
Flood	High	Flood Prone 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	Med	Bricks Factory
Stampede	Low	No such condition

### 2.2 Vulnerability Analysis

<b>Vulnerable groups in the village – to different hazards</b>				
<i>Sr.</i>	<i>Name of Hazards</i>	<i>Vulnerable Area</i>	<i>Vulneable Groups</i>	<i>Facilities Affected</i>
<b>1</b>	Flood	Entire Village is flood prone	1. Old Age 458 2. Children 474 3. Woman 1150 4. BPL Family 375	1.Drainage , 2.Electricity, 3.Drinking water, 4.Road 5.Communication, 6.Govt Property, 7.Ariculture 8.Animal Losses
<b>2</b>	Fire	Filed Area	Farmers and their dependents	1.Electricity, 2.Crop Damage
<b>3</b>	Epidemics	Flood affected area and nearby	All community of village can be	Medical facilities, Transport
<b>4</b>	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 4572	Medical Facilities
8	Cold Wave		Village population 4572	Medical Facilities
9	Road Accidents		25 Houses	
<b>Other Vulnerabilities (Impacts)</b>				
1	<b>Social Vulnerabilities</b>	Culture of Village can be affected	Living Pattern, Dress, Food Habits and the employment kind of village will be changed if hazard occurs	
2	<b>Political Vulnerabilities</b>	Political System also affect	Group Clashes, Clashes on Compensation, other interference of local group or parties.	

<i>Details</i>	<i>No. of Household 1234</i>
<b>Household (HH) in low lying areas</b>	30
<b>HH with poorly constructed houses</b>	117
<b>Old aged population (above 65 age)</b>	458
<b>Children below (0-6 age)</b>	474
<b>Women headed households</b>	1150
<b>BPL population</b>	468
<b>Landless HH</b>	375
<b>HH (Low income group)</b>	375

### 2.3 Risk Analysis

<i>Severity</i>	<i>Hazard</i>	<i>Elements at Risk</i>	<i>Vulnerable Areas</i>
<b>High Risk Hazards</b>	<b>Earthquake</b>	Human life, cattle life, public infrastructure, environment, etc.	Entire village falls in EQ Zone- III i.e. Moderate damage risk zone.
	<b>Fires</b>	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land
	<b>Floods</b>	Human life, cattle life, crop life, property and public infrastructure.	Entire village
<b>Medium Risk Hazards</b>	<b>Extreme Temperature</b>	Human life, Cattle population, Crops, transportation activities.	Entire Village
	<b>Drought</b>	Human Life, crop life, Cattle life,	Due to failure of monsoon drought like condition can be occurred.
<b>Low risk Hazards</b>	<b>Frost Thunder storm Hailstorm</b>	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	<b>CHC Narnaund</b>	<b>01663-233240</b>	8KM
Public health centre	1	PHC Thurana	3KM
Dispensaries	1	PHC Thurana	3KM
Veterinary Hospital	1	Veterinary Hospital	Within village



Private Hospital	--	--	--
OPD Facility	<b>CHC Narnaund</b>	<b>01663-233240</b>	8KM
X Ray Facility	<b>CHC Narnaund</b>	<b>01663-233240</b>	8KM
Ambulance service	<b>CHC Narnaund</b>	<b>01663-233240</b>	8KM
Medicine Shop	<b>CHC Narnaund</b>	<b>01663-233240</b>	8KM

# Chapter 3: Mitigation & Preparedness Plan

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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

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.	<b>Sarpanch</b>	Chairman	Kiran Devi	9896038766
ii.	<b>Village Secy</b>	Nodal Officer	Rakesh	9992174747
iii.	<b>Patwari</b>	Member	Subhash	9416994297
iv.	<b>Numberdar</b>	Member	Jaibir	8053135647
v.	<b>SC Panch</b>	Member	Ramniwas	9050515266
vi.	<b>BC Panch</b>	Member	Seema	9467246880
vii.	<b>Women (Mahila) Panch</b>	Member	Savitri	9991741919
viii.	<b>Anganwadi Worker</b>	Member	Shankutla	9996332190
ix.	<b>School Representation</b>	Member	Ranvir	9255986628
x.	<b>Ex Serviceman</b>	Member	Subhash	9468321665

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 conducted 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>
<b>Deputy Commissioner</b>	232045, 233928	Hisar
<b>SP</b>	01662-232307	Hisar
<b>ADC</b>	232692, 241035,	Hisar
<b>SDM</b>	01663-254074	Hansi
<b>ADO</b>	9813277555	Janak,
<b>BDPO</b>	01663-233275	Narnound
<b>Police Officer SHO</b>	01663-233222	Narnaund
<b>Village Secretary</b>	9992174741	Narnaund
<b>Gram Pradhan</b>	9896038766	Majra
<b>BEO</b>	01663-2333044	Narnound
<b>Fire Officer</b>	254010	Hansi

### 3.3 Members of Village Disaster Management Teams (VDMT)

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Contact Number</b>	<b>Contact Address</b>
<b>Early Warning and Information Dissemination Team</b>				
1	Kiran Devi	<b>Sarpanch</b>	9896038766	Majra
2	Subhash	<b>Patwai</b>	9416994297	Majra
3	Rakesh	<b>Sachive</b>	9992174747	Majra
4	Jaibir	<b>Namberdar</b>	8053735647	Majra
<b>Evacuation Team</b>				
1	Ramavtar	<b>Ex Serviceman</b>	9992537770	Majra
2	Seema	<b>Panch</b>	9467246880	Majra
3	Rajbir	<b>Panch</b>	9467025278	Majra
	Jaibir	<b>Namberdar</b>	8053735647	Majra
<b>Search and Rescue Team</b>				
1	Ramavtar	<b>Ex Serviceman</b>	9992537770	Majra

2	Seema	<b>Panch</b>	9467246880	Majra
3	Rajbir	<b>Panch</b>	9467025278	Majra
4	Jaibir	<b>Namberdar</b>	8053735647	Majra
<b>First Aid Team</b>				
1	Monika	ANM	7027830228	Majra
2	Neelam	Asha Worker	9050612656	Majra
3	Rajbir	<b>Panch</b>	9467025278	Majra
<b>Relief Management Team</b>				
1	Kiran Devi	<b>Sarpanch</b>	9896038766	Majra
2	Subhash	<b>Patwai</b>	9416994297	Majra
3	Devdutt	<b>Depot Holder</b>	9050300680	Majra
<b>Sanitation Team</b>				
1	Rajbir	<b>Panch</b>	9467025278	Majra
2	Kitabo	<b>Sweeper</b>	9992313687	Majra
<b>Shelter Management Team</b>				
1	Ranvir	<b>Head master</b>	9255986628	Majra
2	Kiran Devi	<b>Sarpach</b>	9896038766	Majra
<b>Carcass Disposal Team</b>				
1	Kitabo	<b>Sweeper</b>	9992313687	Majra
2	Sunil Kumar	<b>Sweeper</b>	9992313687	Modakhera
<b>Damage &amp; Need Assessment Team</b>				
1	Kiran Devi	<b>Sarpanch</b>	9896038766	Majra
2	Subhash	<b>Patwai</b>	9416994297	Majra
3	Rakesh	<b>Sachive</b>	9992174747	Majra
4	Jaibir	<b>Namberdar</b>	8053735647	Majra
<b>Rehabilitation &amp; Reconstruction Team</b>				
1	Kiran Devi	<b>Sarpanch</b>	9896038766	Majra
2	Subhash	<b>Patwai</b>	9416994297	Majra
3	Rakesh	<b>Sachive</b>	9992174747	Majra
4	Jaibir	<b>Namberdar</b>	8053735647	Majra

**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	Jaidev	JCB	Majra	9813177418
2	Tekram	Tractor Trolley	Majra	9812751212
	Krishan	Tractor Rroly	Majra	9466311273

**3.5 Village level Skilled persons**

Name	Expertise	Address	Telephone #
Sunil	Sports	Majra	9353000005
Joginder	Swimmer	Majra	9896653314



# Chapter 5: Contact details & Updation Mechanism

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## 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.