

# Village Disaster Management Plan

## HISAR



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



**Mujadpur**  
2015-16



**HARYANA INSTITUTE OF PUBLIC ADMINISTRATION**

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

# Village Disaster Management Plan, Mujadpur

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# Chapter 1: Situational Analysis of Village

## 1.1. Introduction

**Village Profile:** - a) Description of village Mujadpur village situated at Hansi Tehsil.

b) Village at a glance as under

<b>Name of Village</b>	<b>Mujadpur</b>
<b>Name of Patwari</b>	<b>Indraj</b>
<b>Name of Village Secretary</b>	<b>Ashok Kumar</b>
<b>Contact No. of Village Secretary</b>	<b>98133-72169</b>
<b>Name of Panchayat</b>	<b>Mujadpur</b>
<b>Name of Sarpanch</b>	<b>Sheela Devi</b>
<b>Contact No. of Sarpanch</b>	<b>97284-37866</b>
<b>Name of Block</b>	<b>Hansi-1</b>
<b>Name of Teshil</b>	<b>Hansi</b>
<b>Name of Police Post/Station</b>	<b>Hansi Sadar</b>
<b>No. Of house holds</b>	<b>615</b>
<b>Hospitals</b>	<b>0</b>
<b>Schools</b>	<b>3 (1 Govt. and 2 Pvt.)</b>
<b>Industries</b>	<b>0</b>
<b>Religious Institutions</b>	<b>1</b>

## 1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	3439	1826	1613
Children	466	251	215
People with disabilities	17	12	5
Elderly/aged	274	146	128
Those who dependent upon specific medication for survival	0	0	0
Transgender	0	0	0

### 1.3. Temperature and rainfall

The climate is Semi-arid 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 38.5 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 3267 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	850	6 Month	0	0	0
2	Cotton	1050	6 Month	0	0	0
3	Ganwar	450	6 Month	0	0	0
4	Sarso	350	6 Month	0	0	0

### 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	3+3=6	1	0	8	0	1

### 1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 70 percent. There is only one middle Government school in the village where children get their education. For further studies children have to go to Hansi

### 1.7. Roads and Transport

Condition of road is good within the village. Road from Mujadpur to Hansi is in good shape. For commuting, people prefer Bike, car and private bus service.

## 1.8. Infrastructure details

<b>Infrastructural Details at Village</b>				
<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	4	<b>Ram Bhateri</b>	99918-27895
5	ANM	1	Mamta Rani	70278-29782
6	ASHA workers	4	<b>Nirmala</b>	<b>70278-82549</b>
7	Pvt. Hospital	-	-	-
8	Pvt. Doctors	-	-	-
9	Veterinary doctors	1	<b>Pawan Kumar</b>	<b>94169-26661</b>
10	Veterinary practitioners	-	-	-
11	Medical practitioners	-	-	-
12	Religious Institution	1	<b>Manoj</b>	98122-01828
1	Govt. Primary Schools	1		
<b>Others Details of Village</b>				
			<i>Depend upon</i>	
1	Literacy Rate		70%	
2	Education		Primary	
3	Economy of Village		Agriculture	
4	BPL Family		98	
<b>Household Details</b>				
1	<b>Total House Hold</b>		<b>615</b>	
2	<b>Kucha</b>		<b>40</b>	
3	<b>pucca</b>		<b>505</b>	
4	<b>Semi pucca</b>		<b>70</b>	
5	<b>Other critical ESTABLISHMENTS</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	Low	Due to bad shape of roads
Flood	Med	Rain
Earthquake	Med	Risk Zonation
Building collapse	Low	No such building
Epidemic / Contagious disease	Low	Due to unhygienic conditions
Fire	High	Short circuit, Fire in field
Heat Wave	Med	summer
Cold Wave	Med	Winters
Industrial / Chemical hazard	No	No Industry
Stampede	Low	Due to riots or violence

### 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>
1	Flood	All site of Village	1.Old Age,( <b>Mention the numbers</b> )274 2.Children below age 466 3.Women, 231 4.Sick Persons, 5.Below Poverty Line 98	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	
<b>Other Vulnerabilities</b>				<b>( 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</i>
<b>Household (HH) in low lying areas</b>	20
<b>HH with poorly constructed houses</b>	40
<b>Old aged population (above 65 age)</b>	320
<b>Children below (0-6 age)</b>	466
<b>Women headed households</b>	103
<b>BPL population</b>	294
<b>Landless HH</b>	102
<b>HH (Low income group)</b>	98

### 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>Floods</b>	Human life, cattle life, crop life, property and public infrastructure.	Due to heavy rains entire village can be flooded during monsoon season.
	<b>Fires</b>	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land
	<b>Road Accidents</b>	People travelling on roof/ inside buses. on national Highways, state Highways and other district. Cattle and other animals.	School and college going students of the village and the cattles.
	<b>Extreme Temperature</b>	Human life, Cattle population, Crops, transportation activities.	Entire village
<b>Medium Risk Hazards</b>	<b>Epidemic</b>	Human Life, animal life	Entire village
	<b>Drought</b>	Human Life, crop life, Cattle life,	Entire village can too be suffered by drought like condition because of delay of monsoon .
<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.
	<b>Terrorist Attack</b>	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	General Hospital Hansi	01663-254096	18KM
Public health centre	PHC Datta	01663-291822	10 KM
Dispensaries	PHC Datta	01663-291822	10 KM
Veterinary Hospital	1	Pawan Kumar 94169-26661	Within Village
Private Hospital	-	Hansi	18KM
OPD Facility	General Hospital Hansi	01663-254096	18KM
X Ray Facility	General Hospital Hansi	01663-254096	18KM
Ambulance service	General Hospital Hansi	01663-254096	12 KM
Medicine Shop	-	-	10 KM
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# Chapter 3: Mitigation & Preparedness Plan

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This chapter will include:

## **3.1. Standard Operating Procedures**

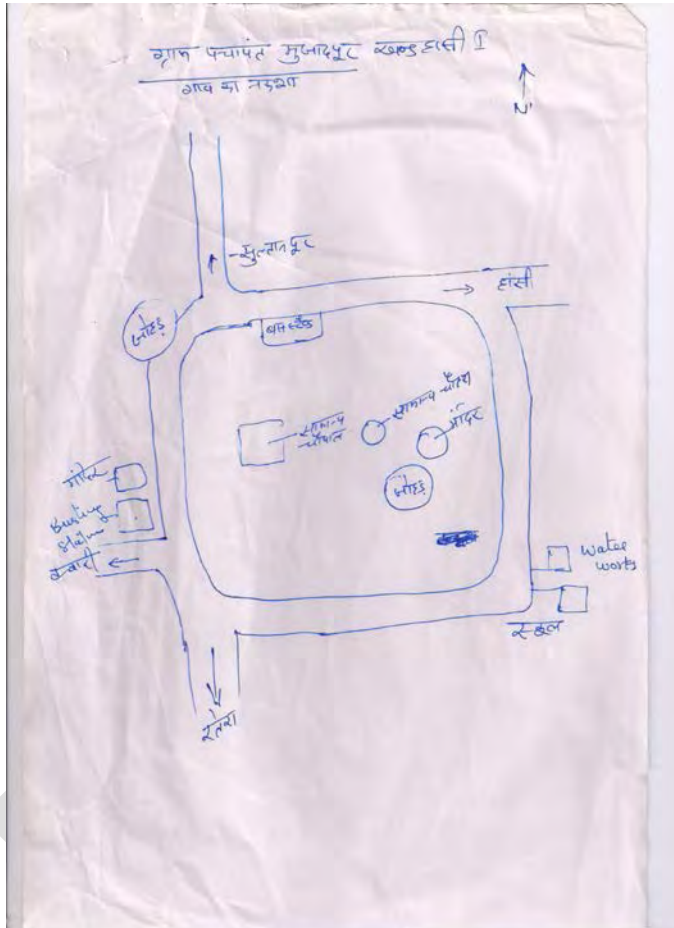
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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

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)

## 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.	<b>Sarpanch</b>	Chairman	Sheela	97284-37866
ii.	<b>Village Secy</b>	Nodal Officer	Ashok	98133-72169
iii.	<b>Patwari</b>	Member	Indraj	94167-86717
iv.	<b>Numberdar</b>	Member	Rajbir	98124-62959
v.	<b>SC Panch</b>	Member	Indro Devi	98960-85254
vi.	<b>BC Panch</b>	Member	Surjeet	99918-76800
vii.	<b>Women (Mahila) Punch</b>	Member	Anita	80597-41000
viii.	<b>Anganwadi Worker</b>	Member	Ram Bhatari	
ix.	<b>SHG Heads</b>	Member		
x.	<b>School Representatives</b>	Member	Ishwar	98138-23412
xi.	<b>Ex-servicemen</b>	Member	Om Parkash	99910-74740

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>
<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>BDPO</b>	98127-20529	Om Parkash Sharma
<b>Police Officer SHO</b>	100	Sadar Hansi
<b>Village Secretary</b>	Ashok Kumar	98133-72169
<b>Gram Pradhan</b>	Sheela Devi	97284-37866
<b>BEO</b>	254024	Hansi
<b>Fire Officer</b>	01663-254047	Sadar Hansi
<b>SMO</b>	01663-254096	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	Sheela Devi	Sarpanch	97284-37866	Mujadpur
2	Indraj	Patwari	94167-86717	Mujadpur
3	Ashok	G.S	98133-72169	Mujadpur
4	Rajbir	Namberdar	98124-62959	Mujadpur
<b>Evacuation Team</b>				
1	Balwant Malik	Ex Seviceman	98135-38016	Mujadpur
2	Bijender	Yuva Club	98133-29835	Mujadpur
	Sharmeela	Member	86075-38842	Mujadpur

	Sandeep	Member	99919-02286	Mujadpur
<b>Search and Rescue Team</b>				
	Balwant Malik	Ex Seviceman	98135-38016	Mujadpur
	Bijender	Yuva Club	98133-29835	Mujadpur
	Sharmeela	Member	86075-38842	Mujadpur
	Sandeep	Member	99919-02286	Mujadpur
<b>First Aid Team</b>				
	Mamta	ANM	70278-29782	Mujadpur
	Mukesh	Asha Worker	70278-29550	Mujadpur
	Nirmala	-do	70278-29549	Mujadpur
<b>Relief Management Team</b>				
	Sheela Devi	Sarpanch	97284-37866	Mujadpur
	Indraj	Patwari	94167-86717	Mujadpur
	Ashok	G.S	98133-72169	Mujadpur
<b>Sanitation Team</b>				
	Bijender	Yuva Club	98133-29835	Mujadpur
	Sharmeela	Member	86075-38842	Mujadpur
	Sandeep	Member	99919-02286	Mujadpur
<b>Shelter Management Team</b>				
	Sheela Devi	Sarpanch	97284-37866	Mujadpur
	Indraj	Patwari	94167-86717	Mujadpur
	Ashok	G.S	98133-72169	Mujadpur
<b>Carcass Disposal Team</b>				
	Bijender	Yuva Club	98133-29835	Mujadpur
	Sharmeela	Member	86075-38842	Mujadpur
<b>Damage &amp; Need Assessment Team</b>				
	Sheela Devi	Sarpanch	97284-37866	Mujadpur
	Indraj	Patwari	94167-86717	Mujadpur

	Ashok	G.S	98133-72169	Mujadpur
<b>Rehabilitation &amp; Reconstruction Team</b>				
	Sheela Devi	Sarpanch	97284-37866	Mujadpur
	Indraj	Patwari	94167-86717	Mujadpur
	Ashok	G.S	98133-72169	Mujadpur

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

No.	Name	Practise/Resource	Address	Mobile No.
1	Ajmer Singh	Tractor Trolley	Mujadpur	99922-90198
2	Azad	-do-	Mujadpur	<b>99914-59419</b>
3	Jogender	Pick up	Mujadpur	<b>98134-37436</b>

**3.5 Village level Skilled persons**

Name	Expertise	Address	Telephone #
Mahender	10 Years Carpenter	Mujadpur	99925-27501
Satyawan	15 Years Mistri	Mujadpur	99911-55125
Chand veer	10 Years Mistri	Mujadpur	99926-06651



## Chapter 5: Contact details & Updation Mechanism

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- 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.