

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Umra
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HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Umra, Block Hansi-1, Hisar

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village

Village Umra is situated 22 KM from District Headquarter and 10 KM from Block Headquarter. Village is situated in the west side of Puthi Summain, east side of village Sultanpur, South Side of Hansi City and north side of village Muzadpur.

b) Village at a glance as under

Name of Village	Umra
Name of Patwari	Jai Singh
Name of Village Secretary	Prem Parkash
Contact No. of Village Secretary	9466641645
Name of Panchayat	Umra
Name of Sarpanch	Umesh Kumari
Contact No. of Sarpanch	9813315598
Name of Block	Hansi-1
Name of Teshil	Hansi
Name of Police Post/Station	Thana Sadar Hansi
No. Of house holds	1860
Hospitals	--
Schools	3 Govt., 4 Private
Industries	4 Bricks Bhatta
Religious Institutions	1

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	9670	5231	4439
Children	1121	604	517
People with disabilities	72	59	13
Elderly/aged	742	488	254
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 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 6825 Acers. Wheat, rice, jowar, bajra, cotton 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	4020	Nov-April	--	--	--
2	Rice	60	June-Oct	--	--	--
3	Cotton	2265	May-Oct	--	--	--
4	Bajra	850	Oct-April	--	--	--
5	Jawar	350	May-Oct			
6	Gum	680	May-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	18	--	--	5	2	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 85 percent. There are total 7 school (3 Govt. Till senior secondary 4 Private) in the village where children get their education. For further studies children have to go to Hansi or Hisar.

1.7. Roads and Transport

Condition of road is not so good within the village. Road from Hansi to Kanwari via Umra is in bad shape on Hisar- Tosham road. 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	01	Anil Kumar	9812550001
2	CHC	--	--	--
3	Medical Shop	2	Ramniwas	9813287687
4	Anganwadi centre	10	Kamlesh	9991826055
5	ANM	1	Suman	9812615199
6	ASHA workers	10	Meena	7027828876
7	Pvt. Hospital	--	--	--
8	Pvt. Doctors	4	Vinod	9991990099
9	Veterinary doctors	1	Rajesh Kumar	9416628808
10	Veterinary practitioners	4	Anil	9813287606
11	Medical practitioners	1	Manjit	9813116630
12	Religious Institution	1	Telu Ram	9813664484
1	Govt. Primary Schools	1	Savitri	8950030555
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate	61.99%	Senior Secondary School	
2	Education		Senior Secondary School	
3	Economy of Village		Agriculture and allied activities	
4	BPL Family		615, MNREGA	
Household Details				
1	Total House Hold		1860	
2	Kucha		3	
3	pucca		1380	
4	Semi pucca		477	
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	Far from main road
Flood	Low	Drought Prone Area
Earthquake	Medium	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	Low	No industry
Stampede	Low	No such condition

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	Drought Prone Area		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		Medium 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		Nil	
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 1860</i>
Household (HH) in low lying areas	Nil
HH with poorly constructed houses	400
Old aged population (above 65 age)	825
Children below (0-6 age)	1121
Women headed households	354
BPL population	1845
Landless HH	890
HH (Low income group)	1845

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. Moderate damage risk zone.
	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.	
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire village
Low risk Hazards	Floods	Human life, cattle life, crop life, property and public infrastructure.	Drought prone village but during monsoon heavy rainfall can flooded the village.
	Frost Thunder storm Hailstorm	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	1	Civil Hospital Hansi 01663-254096	10 Km
Public health centre	1	Anil Kumar 9812550001	Within village
Dispensaries	1	Anil Kumar 9812550001	Within village
Veterinary Hospital	1	Sushil Kumar 9812486060	Within village
Private Hospital		Hansi --	10 KM

OPD Facility	1	Civil Hospital Hansi 01663-254096	10 Km
X Ray Facility	1	Civil Hospital Hansi 01663-254096	10 Km
Ambulance service	1	Civil Hospital Hansi 01663-254096/102	10 Km
Medicine Shop	2	Ramniwas 9813287687	Within 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.
-
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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.

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)

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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 list of committee members:-

Village Disaster Management Committee

Sr. No.	Name	Designation	Name	Contact No.
i.	Sarpanch	Chairman	Umesh Kumari	9813315598
ii.	Village Secy	Nodal Officer	Prem Parksah	9466641645
iii.	Patwari	Member	Jai Singh	9812464974
iv.	Numberdar	Member	Pawan Kumar	9813315598
v.	SC Panch	Member	Ramniwas	9728649038
vi.	BC Panch	Member	Sunita	9812894850
vii.	Women (Mahila) Panch	Member	Santosh	9813495258
viii.	Anganwadi Worker	Member	Dhanpati	8901378122
ix.	SHG Heads	Member	Dalbir Singh	9416838204
x.	School Representatives	Member	Satbir	9729270118

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>
Fire Officer,	101, 275050	Hisar
Fire Officer,	101, 275050	Hisar
Fire Officer,	101, 275050	Hisar
Fire Officer,	101, 275050	Hisar
Fire Officer,	101, 275050	Hisar
Fire Officer,	101, 275050	Hisar
Fire Officer,	101, 275050	Hisar
Village Secretary	9466641645	G.P.
Gram Pradhan	9813315598	VPO Umra
BEO	9991083898	Subash Verma
Fire Officer,	101, 275050	Hisar
SMO	01663-254096	Hansi

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Umesh Kumari	Sarpanch	9813315598	Umra
2	Jaising	Patwari	9812464974	Umra
3	Prem Parkash	Sachive	9466641645	GP
4	Telu Ram	Pujari	9813664484	Umra
5	Pawan Kumar	Namberdar	9813315598	Umra
Evacuation Team				
1	Satbir	Ex Serviceman	9729270118	Umra
2	Ramniwas	Panch	9992564153	Umra
3	Pinki	Panch	9812511058	Umra
4	Sudhir	Youth Club	9416685322	Umra
Search and Rescue Team				
1	Satbir	Ex Serviceman	9729270118	Umra
2	Ramniwas	Panch	9992564153	Umra
3	Pinki	Panch	9812511058	Umra
4	Sudhir	Youth Club	9416685322	Umra
5	Ramniwas	Panch	9992564153	Umra
First Aid Team				

1	Suman	ANM	9812615199	Umra
2	Mamta	Assha	7027828878	Umra
3	Vinod	RMP	9991990099	Umra
4	Ramniwas	Medical	9813287687	Umra
5				
Relief Management Team				
1	Umesh Kumari	Sarpanch	9813315598	Umra
2	Jaising	Patwari	9812464974	Umra
3	Prem Parkash	Sachive	9466641645	GP
4	Mohan lal	Depot Holder	9813315598	Umra
Sanitation Team				
1	Umesh Kumari	Sarpanch	9813315598	Umra
2	Parkesh	Water works	9728048730	Umra
3	Omi Devi	Sweeper	9728212665	Umra
Shelter Management Team				
1	Umesh Kumari	Sarpanch	9813315598	Umra
2	Dalbir	Head Master	9416838204	Umra
3	Sudhir	Youth Club	9416685322	Umra
Carcass Disposal Team				
1	Balwan Singh	Panch	8222882255	Umra
	Omi Devi	Sweeper	9728212665	Umra
Damage & Need Assessment Team				
1	Umesh Kumari	Sarpanch	9813315598	Umra
2	Jaising	Patwari	9812464974	Umra
3	Prem Parkash	Sachive	9466641645	GP
Rehabilitation & Reconstruction Team				
1	Umesh Kumari	Sarpanch	9813315598	Umra
2	Jaising	Patwari	9812464974	Umra
3	Prem Parkash	Sachive	9466641645	GP

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	Ramesh	JCB	--	9813116290
2	Vajir	Tractor / Trolli		9991114818
3	Telu Ram	Pick up	--	9813664484

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Jagdish	Mason	Umra	9467782087
Mandip	Carpanter	Umra	9813967528
Sube Singh	Ex Serviceman	Umra	9992060180
Rajesh	Sports Man	Umra	8059022023

Chapter 5: Contact details & Updation Mechanism

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.