

# Village Disaster Management Plan

## HISAR



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



**Sandool**  
2015-16



**HARYANA INSTITUTE OF PUBLIC ADMINISTRATION**

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

# Village Disaster Management Plan, Sandool Agroha, Hisar

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# Chapter 1: Situational Analysis of Village

## 1.1. Introduction

**Village Profile:** - a) Description of village Sandool village is 11 KM far from Agroha. North village are Kanoh, Nangthala, Shyam Sukh, Kirmara and Kirori.

b) Village at a glance as under

<b>Name of Village</b>	<b>Sandool</b>
<b>Name of Patwari</b>	<b>Karan Singh</b>
<b>Name of Village Secretary</b>	<b>Ritu</b>
<b>Contact No. of Village Secretary</b>	<b>8569864530</b>
<b>Name of Panchayat</b>	<b>Sandool</b>
<b>Name of Sarpanch</b>	<b>Kuldeep</b>
<b>Contact No. of Sarpanch</b>	<b>9728198994</b>
<b>Name of Block</b>	<b>Agroha</b>
<b>Name of Teshil</b>	<b>Hisar</b>
<b>Name of Police Post/Station</b>	<b>Agroha</b>
<b>No. Of house holds</b>	<b>257</b>
<b>Hospitals</b>	<b>-</b>
<b>Schools</b>	<b>1</b>
<b>Industries</b>	<b>-</b>
<b>Religious Institutions</b>	<b>2</b>

## 1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	1387	735	652
Children	166	88	78
People with disabilities	5	3	2
Elderly/aged	92	40	52
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 45 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 1942 acres. Wheat, rice, jowar, bajra 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	1355	6 Month	No	No	No
2	Rice	955	6 Month	No	No	No
3	Jawar		6 Month	No	No	No
4	Bajra		3 Month	No	No	No
5	Cotton	935	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 ( Agroha Branch )	3	1	-	-	20	Yes

### 1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 62.50 percent. There is only one middle 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 good within the village. Road from Sandool to Agroha is in good shape. For commuting, people prefer personal vehicle and roadways 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>
<b>1</b>	PHC	NO	No	No
<b>2</b>	CHC	NO	No	No
<b>3</b>	Medical Shop	NO	No	No
<b>4</b>	Anganwadi centre	2	<b>Sheela Devi</b>	8814938100
<b>5</b>	ANM	NO	No	No
<b>6</b>	ASHA workers	1	<b>Usha Devi</b>	
<b>7</b>	Pvt. Hospital	NO	No	No
<b>8</b>	Pvt. Doctors	NO	No	No
<b>9</b>	Veterinary doctors	NO	No	No
<b>10</b>	Veterinary practitioners	NO	No	No
<b>11</b>	Medical practitioners	NO	No	No
<b>12</b>	Religious Institution	2		
<b>1</b>	Govt. Primary Schools	1	<b>Rachna Devi</b>	<b>8295138600</b>
<b>Others Details of Village</b>				
			<i>Depend upon</i>	
<b>1</b>	Literacy Rate		62.50%	
<b>2</b>	Education		High	
<b>3</b>	Economy of Village		Agriculture	
<b>4</b>	BPL Family		67	
<b>Household Details</b>				
<b>1</b>	<b>Total House Hold</b>		<b>257</b>	
<b>2</b>	<b>Kucha</b>		<b>5</b>	
<b>3</b>	<b>Pucca</b>		<b>237</b>	
<b>4</b>	<b>Semi pucca</b>		<b>15</b>	
<b>5</b>	<b>Other critical ESTABLISHMENTS</b>			

## 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	Med	Rain
Earthquake	Low	As per risk zone
Building collapse	Low	No old 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	Low	No industry
Stampede		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> 92 2.Children below age 12 166 3.Women, 52 4.Sick Persons,  5.Below Poverty Line 67	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 257</i>
<b>Household (HH) in low lying areas</b>	Nil
<b>HH with poorly constructed houses</b>	15
<b>Old aged population (above 65 age)</b>	92
<b>Children below (0-6 age)</b>	157
<b>Women headed households</b>	69
<b>BPL population</b>	310
<b>Landless HH</b>	Approx 50
<b>HH (Low income group)</b>	20

### 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>Fires</b>	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land
<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 entire village will be affected. .
	<b>Floods</b>	Human life, cattle life, crop life, property and public infrastructure.	If monsoon comes with heavy rain then the village is prone to floods also.
	<b>Epidemic</b>	Human Life, animal life	Entire village
<b>Low risk Hazards</b>			
	<b>Earthquake</b>	Human life, cattle life, public infrastructure, environment, etc.	Entire village falls in EQ Zone- II i.e. Low damage risk zone.
	<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	1	Agroha 281194	10KM
Public health centre	1	Agroha 281146	10KM
Dispensaries	1	Agroha 281146	10KM
Veterinary Hospital	1	Agroha	10KM



Private Hospital	1	Agroha	10KM
OPD Facility	1	Agroha 281194	10KM
X Ray Facility	1	Agroha 281194	10KM
Ambulance service	1	Agroha 281194	10KM
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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
  -



- 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 or 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)

## 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	<b>Kuldeep</b>	<b>9728198994</b>
ii.	<b>Village Secy</b>	Nodal Officer	<b>Ritu</b>	<b>8569864530</b>
iii.	<b>Patwari</b>	Member	<b>Karam Singh</b>	<b>9416080310</b>
iv.	<b>Numberdar</b>	Member	Bhadur Singh	9671480044
v.	<b>SC Panch</b>	Member	Krishan	8059902907
vi.	<b>BC Panch</b>	Member	Jagtar	8930914176
vii.	<b>Women (Mahila) Panch</b>	Member	Vinod Kumari	9813092706
viii.	<b>Anganwadi Worker</b>	Member	Shila Devi	8814938100
ix.	<b>SHG Heads</b>	Member	Santro Devi	9813966122
x.	<b>School Representatives</b>	Member	Randhir	9050190334
xi.	<b>Ex-servicemen</b>	Member	Mana Singh	8607125621

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>	<b>232045, 233928</b>	<b>Hisar</b>
<b>SP</b>	<b>01662-232307</b>	<b>Hisar</b>
<b>ADC</b>	<b>232692, 241035,</b>	<b>Hisar</b>
<b>SDM</b>	<b>232798</b>	<b>Hisar</b>
<b>ADO</b>	<b>9812688568</b>	<b>Umma Devi</b>
<b>BDPO</b>	<b>9996782602</b>	<b>BDPO Office Agroha</b>
<b>Police Officer SHO</b>	<b>8814011314</b>	<b>Police Station Agroha</b>
<b>Village Secretary</b>	<b>8569864530</b>	<b>Ritu</b>
<b>Gram Pradhan</b>	<b>9728198994</b>	<b>Kuldeep</b>
<b>BEO</b>	<b>94660-77588</b>	<b>Dhanpat Kumar</b>
<b>Fire Officer</b>	<b>01669-281142</b>	<b>Agroha</b>
<b>SMO</b>	<b>01662-278917</b>	<b>General Hospital Hisar</b>

### 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	Kuldeep	Sarpanch	9728198994	Sandol
2	Ritu	Village Secy	8569864530	Sandol
3	Karam Singh	Patwari	9416080310	Sandol
4	Bhadur Singh	Numberdar	9671480044	Sandol
<b>Evacuation Team</b>				
1	Krishan	Member	8059902907	Sandol
2	Jagtar	Member	8930914176	Sandol
3	Vinod Kumari	Member	9813092706	Sandol

4	Shila Devi	Asha Worker	8814938100	Sandol
<b>Search and Rescue Team</b>				
1	Shila Devi	Asha Worker	8814938100	Sandol
2	Santro Devi	SHG Head	9813966122	Sandol
3	Randhir	Tr.	9050190334	Sandol
4	Mana Singh	Ex Service man	8607125621	Sandol
<b>First Aid Team</b>				
1	Shila Devi	Asha Worker	8814938100	Sandol
2	Santro Devi	SHG Head	9813966122	Sandol
3	Randhir	Tr.	9050190334	Sandol
4	Mana Singh	Ex Service man	8607125621	Sandol
5	Bhadur Singh	Numberdar	9671480044	Sandol
<b>Relief Management Team</b>				
1	Randhir	Tr.	9050190334	Sandol
2	Mana Singh	Ex Service man	8607125621	Sandol
3	Bhadur Singh	Numberdar	9671480044	Sandol
<b>Sanitation Team</b>				
1	Jagtar	Member	8930914176	Sandol
2	Vinod Kumari	Member	9813092706	Sandol
<b>Shelter Management Team</b>				
1	Krishan	Member	8059902907	Sandol
2	Jagtar	Member	8930914176	Sandol
3	Vinod Kumari	Member	9813092706	Sandol
<b>Carcass Disposal Team</b>				
1	Jagtar	Member	8930914176	Sandol
2	Vinod Kumari	Member	9813092706	Sandol
<b>Damage &amp; Need Assessment Team</b>				
1	Kuldeep	Sarpanch	9728198994	Sandol

2	Ritu	Village Secy	8569864530	Sandol
3	Karam Singh	Patwari	9416080310	Sandol
<b>Rehabilitation &amp; Reconstruction Team</b>				
1	Kuldeep	Sarpanch	9728198994	Sandol
2	Ritu	Village Secy	8569864530	Sandol
3	Karam Singh	Patwari	9416080310	Sandol

**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		JCB		
2	Bhoop Singh	Tractor trolly	9468326817	
3		Pick Up		

**3.5 Village level Skilled persons**

Name	Expertise	Address	Telephone #
Sita Ram	Mistri	Sandool	9991584339
Raj Kumar	Car Pinter	Sandool	9813575065



# 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.