

VILLAGE SAFETY INITIATIVE

By



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

**VILLAGE DISASTER MANAGEMENT PLAN
CHOGAWAN**

2015-16



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

Village Disaster Management Plan, Chogawan

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village .Chogawan is a village of Indri block, it is flooded area. It is on the way of Karnal to Yamuna Nagar Road opposite cross grahi Birbal nent village is CHOGAWAN

b) Village at a glance as under

Name of Village	CHOGAWAN
Name of Patwari	Bir Bhani
Name of Village Secretary	Sandeep Malik
Contact No. of Village Secretary	9809150034
Name of Panchayat	Gram Panchayat
Name of Sarpanch	Devender Singh
Contact No. of Sarpanch	8397977000
Name of Block	Indri
Name of Teshil	Indri
Name of Police Post/Station	Indri
No. Of house holds	800-900
Hospitals	KHUKHANI, Sub poin in Chagawan
Schools	G.H. School
Industries	-
Religious Institutions	Hanuman Mandir & Goga Mandir

1.2. Population :-

Description	Person	Male	Female
Total Population	2882	1539	1346
Children	264	132	132
People with disabilities	17	9	8
Elderly/aged	300-350	140	170-180
Those who dependent upon specific medication for survival	13	8	5
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 10-49 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 169.6 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 near about 750 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	200-300	-	-	-	
2	Rice	200-300	-	-	-	
					
					

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 (Gurgaon canal)	4	2	-	-	Priv. 150 Govt. 2	yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 40 percent. There is only one middle Government school in the village where children get their education. For further studies children have to go near Gashi Birbal Senior Secondary School

1.7. Roads and Transport

Condition of road is not so good within the village. For commuting, people going by bus Haryana Roadways & personal vehicle.

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	1	Anupamma	9813662168

2	CHC	-	-	-
3	Medical Shop	1	Sachinkumar	8818020008
4	Anganwadi centre	3	Neelam Devi	9991701928
5	ANM	1	Radharani	-
6	ASHA workers	2	Rajwanti, Reena	7027825307
7	Pvt. Hospital	-	-	-
8	Pvt. Doctors	-	-	-
9	Veterinary doctors	No,sub point		
10	Veterinary practitioners	3-4		
11	Medical practitioners	-	-	-
12	Religious Institution	1		
1	Govt. Primary Schools	1	Rajiv Sharma	9996984455
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate	70%	80%	
2	Education	Primary		
3	Economy of Village		80% depend on agriculture	
4	BPL Family	=30	20%	
Household Details				
1	Total House Hold		800-900	
2	Kucha		400	
3	pucca		200-250	
4	Semi pucca		200-250	
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		Due to bad shape of roads
Flood		Rain
Earthquake		
Building collapse		
Epidemic / Contagious disease		Due to unhygienic conditions
Fire		Short circuit, Fire in field
Heat Wave		summer
Cold Wave		Winters
Industrial / Chemical hazard		
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 2.Children below age 12 3.Women, 4.Sick Persons, 5.Below Poverty Line	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	
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	30-40 houses
HH with poorly constructed houses	20 houses
Old aged population (above 65 age)	Near about 350
Children below (0-6 age)	264
Women headed households	70-80
BPL population	710
Landless HH	400-500
HH (Low income group)	30-40

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,	Entire village falls in EQ Zone- IV i.e. high damage risk zone.

		environment, etc.	
	Chemical Accidents	Human Life, cattle life, Environment, etc.	.
	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.	
	Floods	Human life, cattle life, crop life, property and public infrastructure.	
	Epidemic	Human Life, animal life	
Low risk Hazards	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.
	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	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 in khukni		2-3 km cross our village

Public health centre	1	Anupamma	9813662168
Dispensaries	1	-do-	-do-
Veterinary Hospital	Mini stock point		
Private Hospital	no		
OPD Facility	no		
X Ray Facility	no		
Ambulance service	no		
Medicine Shop	1	Sachinkumar	8818020008
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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:

- Sansad Adarsh Gram Yojana

- NREGA
- IAY
- Swarn Jayanti Gram Swarozgar Yojana
- Pradhan Mantri Gram Sadak Yojana
- National Social Assistance Programme
- Rural Water Supply Programme
- Total Sanitation Campaign
- Rural Connectivity Programme
- *Hariyali* – implementation of Watershed Development Program
- Drought Prone Area Programme

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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 suggestive list of committee members:-

Village Disaster Management Committee

Sr. No.	Name	Designation	Name	Contact No.
i.	Sarpanch	Chairman	Devender Singh	8397977000
ii.	Village Secy	Nodal Officer	Sandeep	9802150034
iii.	Patwari	Member	Bhir Bhan	9466774345
iv.	Numberdar	Member	Jagir Singh	
v.	SC Panch	Member	Bina	
vi.	BC Panch	Member	Ravi	
vii.	Women (Mahila) Punch	Member	Reena	
viii.	Anganwadi Worker	Member	Reena	
ix.	SHG Heads	Member	Bijesh	
x.	School Representatives	Member	Rajiv	
xi.	Ex-servicemen	Member	Shri Pal	

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		

SP		
ADC		
SDM		
ADO		
BDPO		
Police Officer SHO		
Village Secretary		
Gram Pradhan		
BEO		
Fire Officer		
SMO		

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Raj Singh	Social worker	9813214403	V.P.O.Chogawan
2	Rajesh	-do-	8396983060	-do-
3	Angrej	-do-	9466584971	-do-
4				
Evacuation Team				
1	Sanjeev		-	
2	Anil		9813779674	
3	Rajpal		9728372925	
4	Mahinder		9050668246	
Search and Rescue Team				
1	Rajinder	Student	8053648320	Chogawan
2	Jasvinder	-do-	9466836500	-do-
3	Dharmpal	-do-	9813202835	-do-
4	Rakesh	-do-	-	-do-
First Aid Team				
1	Dr. Rajbir	Doctor	9050034677	Chogawan
2	Billu	Asst.	-	Chogawan
3	Rajesh	Asst.	8396983060	Chogawan
4	Monu	Asst.	-	Chogawan

Relief Management Team				
1	Brijesh	Social worker	9671961711	Chogawan
2	Santi	Social worker		Chogawan
3	babloo	Social worker		Chogawan
Sanitation Team				
Shelter Management Team				
Carcass Disposal Team				
1	Devender Singh	Social worker	9466218000	Chogawan
2	Naresh	Social worker	9991999447	
Damage & Need Assessment Team				
1	Raj	Social worker	9813214403	Chogawan
2	Karan Singh	Social worker	-	Chogawan
Rehabilitation & Reconstruction Team				

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	Hari Chand	Student,10+2 four wheeler	9050035082	
2	Parveen	Student,10+2 four wheeler	9416130190	
3	Surjeet	Student,Graduate four wheeler	9991957002	
4	Jaenail	Student,10+2 four wheeler	9812335864	

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Dhuli Ram	Patwari	Chogawan	9896846883
Shri Pal	Master	Chogawan	
Ami Lal	Ex-Serviceman	Chogawan	

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 – 3 Response Plan' can be mentioned here

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.