

Annex- 2.1

Meetings of state level Institutions (Para 2.5.4.3)

Name of the state	Institutions	Date of constitution	No. of meetings held during last five years
Andaman and Nicobar Islands	Union Territory Disaster Management Authority	09.01.2008	One
	Union Territory Disaster Management Executive Committee	09.01.2008	Six
	UT Advisory Committee	Not constituted	
Andhra Pradesh	SDMA	14-11-2007	Two
	SEC	14-11-2007	One
	State Advisory Committee (SAC)	Not constituted	
Gujarat	SDMA	1.09.2003	Two
	SEC, SAC	No provision for constitution of these in Gujarat State Disaster Management Act, 2003	
Maharashtra	SDMA	24.05.2006	Eight
	SEC	24.05.2006	11
	SAC	No reply received due to fire at Secretariat	
Odisha	SDMA	20.10.2010	Nil
	SEC	06.12.2010	Three
	SAC	Not constituted	
Rajasthan	SDMA	6.09.2007	10
	SEC	15.10.2007	13
	SAC	Not constituted	
Tamil Nadu	SDMA	September 2008	Never met
	SEC	January 2009	One
	SAC	Not constituted	
Uttarakhand	SDMA	10.10.2007	Never met
	SEC	18.01.2008	Nil
	SAC	11.02.2008	One
West Bengal	SDMA	1.08.2007	One
	SEC	1.08.2007	97
	SAC	6.04.2010	Nil

Annex- 4.1
Vacancies in NDMA (Para 4.6.1)

Position as on	Sanctioned Strength	Men-in position	Vacant posts	Percentage of vacant posts
31.3.2008	124	49	75	60
31.3.2009	124	68	56	45
31.3.2010	124	76	48	39
31.3.2011	123	71	52	42
31.3.2012	123	83	40	33

Annex- 6.1
Database on different scales collected, stored and accessible to users (Para 6.1.1.1)

Sl. No.	Category/scale of the database to be collected	Database actually collected	Database stored	Database put for use for access to authorized users
1	National GIS database on 1:50,000 scale (planned for 320 million hectares)	224 Million (70 per cent)	224 Million (70 per cent)	NDEM computer infrastructure for serving is yet to be positioned for operational dissemination, thus not accessible to users.
2	GIS database on 1:10,000 scale (for 169 multi hazard prone districts)	No complete district. (However, data for entire Indian coast is collected.)	No	NDEM computer infrastructure for serving is yet to be positioned for operational dissemination, thus not accessible to users.
3	GIS database on 1:2,000 scale (for six mega cities - Hyderabad, Bangalore, Kolkata, Chennai, Ahmadabad and Mumbai)	Available for Hyderabad, Bangalore and Kolkata only.	No	NDEM computer infrastructure for serving is yet to be positioned for operational dissemination, thus not accessible to users.

Annex- 6.2

Reasons for non operationalisation of VPN nodes (Para 6.1.4)

VPN node site	Reason why they are non-operational
IMD Delhi (semi- operational)	The video conferencing system was in bad shape. Indent for repair was being processed. Currently only audio conferencing was possible.
Prime Minister's Office Prime Minister's Residence	So far appointment for re-orientation to GSAT-12 could not be obtained due to security reasons and grant of permission to enter the campus. The same was awaited.
Shimla, Himachal Pradesh	The antenna fell down from the terrace and became non-functional. Repair actions were initiated.
Mumbai, Maharashtra	The equipment were burnt during the recent fire at Mantralaya. Assessment was being done on the available equipment.

Annex- 8.1

Scheme of financial assistance to the Administrative Training Institutes (Para 8.1.3.2)

Year	Total no. of ATIs targeted	No. of ATIs which achieved target	No. of ATIs which have not achieved target	Percentage of short fall	Area of concern
2007-08	29	7	22	75.86	10 ATIs did not conduct any program
2008-09	29	9	20	68.97	3 ATIs did not conduct any program
2009-10	29	12	17	58.62	5 ATIs did not conduct any program
2010-11	29	16	13	44.83	2 ATIs did not conduct any program
2011-12	29	14	15	51.72	2 ATIs did not conduct any program

Annex- 8.2
Vacancies in NIDM (Para 8.1.6.2)

Position as on	Sanctioned strength	Men-in position	Vacant posts	Area of concern
31.3.2008	46	42	4	2 post of faculty/ researcher remain vacant
31.3.2009	46	42	4	3 post of faculty/researcher remain vacant
31.3.2010	46	43	3	2 post of faculty/ researcher remain vacant
31.3.2011	57	43	14	4 post of faculty/ researcher remain vacant
31.3.2012	57	45	12	4 post of faculty/ researcher remain vacant

Annex- 9.1
Shortfall in the achievements of the targets fixed for phase-I
(Para 9.3.5.2)

Proposed equipment	Optimum requirements of equipment	Equipment were to be procured in Phase- I	Installed
Automatic Rain-Gauges	3600	1350	708
Automatic Message Switching Systems	1150	550	550
Doppler Weather Radars	68	13	9
Wind Profilers	15	4*	Nil
Aeronautical Instrumentation sets	50	26*	Nil
RS/RW systems	44	25*	Nil
Pilot balloons	70	70	70
Lightening detection nodes	10	10*	Nil

* Not procured as of date

Annex- 10.1

Details of recent disasters or emergencies in Andhra Pradesh

Sl No	Period of occurrence of Disaster	Disaster	No. of districts affected	Population affected (in lakh)	Human deaths in no.	No. of houses damaged	Crop area damaged (Hectares)
1	October 2001	Heavy Rains / Flash Floods	5	---	119	111340	---
2	December 2003	Cyclonic Storm / Flash Floods	6	42.68	44	17147	265741
3	September 2005	Heavy Rains / Flash Floods	10	350	107	118618	551966
4	August 2006	Cyclone Storm / Floods	10	13.84	165	276567	219897
5	September 2006	Heavy Rains	8	0.23	52	29837	219950
6	October & Nov. 2006	Ogni Cyclone	5	13.85	41	95218	384550
7	June 2007	Heavy Rains	16	8.35	50	195456	51587
8	September 2007	Heavy Rains/Floods	15	2.4	77	33241	62000
9	October 2007	-do-	6	0.94	9	9246	16405
10	October & Nov. 2007	-do-	4	27.32	36	611907	23000
11	Feb. 2008	-do-	11	0.13	4	122	292854
12.	March 2008	Unseasonal heavy rains and Floods	22	0.014	36	3556	227507
13	August 2008	Heavy Rains/ Floods	15	44.28	130	44364	196038
14	November 2008	Khaimuk Cyclone	9	1.0	0	1190	59287
15	November 2008	Nisha - Cyclone	5	1.0	9	8258	220000
16	September & October 2009	Floods due to unprecedented Rains	13	20.72	90	259095	226092
17	May 2010	Laila - Cyclone	14	17.80	22	14298	26685.83
18	June to Sept. 2010	Heavy Rains/ Floods	22	8.95	65	11022	277000
19	October & Nov. 2010	Heavy Rains/ Floods/ JAL Cyclone	13	16.98	63	20554	483000
20	December 2010	Heavy Rains/ Floods	15	8.16	21	3169	1208000
21	December 2011	Thane Cyclone	9	0	0	0	62883

(Source: Data furnished by Commissioner for Disaster Management)

Annex- 10.2

Details of recent disasters or emergencies in Gujarat

Period	Disaster	Remarks (No. of persons died, affected, loss of crops etc)
1999-2000	Drought	9449 villages in 155 taluks of 17 out of 25 districts with a population of 250 lakh were affected. The failure of fodder crop affected livestock population of 71.33 lakh. Banaskantha, Jamnagar, Kutch and Patan districts were severely affected. Food-grain production was lower by 29.45 <i>per cent</i> compared to that of last year.
January 2001	Earthquake	Kutch - Over 13000 people killed. A total of about 1.3 million houses, lifeline infrastructures were damaged to variable extent.
2001-2002	Drought	40 <i>per cent</i> damage of crops sown after the first rains due to delayed and scanty rains.
July 2005	Flood	About 125 people killed.
July-August 2006	Flood	Surat city and south and central Gujarat - Nearly 150 people had died in the floods while over 100 others had died in post-flood epidemic of leptospirosis. Direct and indirect monetary losses have been estimated at ₹ 16,000 crore.

(Source: State Disaster Management Plan of the Gujarat state)

Annex- 10.3

Details of recent disasters or emergencies in Odisha

Year	Disaster	Districts affected	Population affected (Flood and heavy rain)	Villages affected (Drought)
July 2007	Floods	12	13.32 lakh	-
August and September 2007	Floods	15	22.47 lakh	-
June and September 2008	Floods	21	47.18 lakh	-
2009	Flood & heavy rain drought / pest attack	17 18	6.61 lakh	5294
2010	Flood and heavy rain, drought, unseasonal cyclonic rain	06 17 24	0.89 lakh	10674 (12 lakh hectare)
2011	Flood and heavy rain	21	35.68 lakh	

(Source: Annual Reports on natural calamities of Special Relief Commissioner)

Annex- 10.4

Details of recent disasters or emergencies in Rajasthan

Period	Disaster	Remarks (No. of persons died, affected, loss of crops etc)
August 2006	Flood	Heavy rainfall resulting in flood in Barmer district. Malwa and Kawas villages submerged and 104 persons died.
13 May 2008	Serial bomb blasts	In Jaipur, 63 persons died, 78 persons injured and 105 persons sustained minor injuries.
30 September 2008	Stampede at Jodhpur	216 persons died, 9 seriously injured and 83 persons sustained minor injuries.
April 2009	Earthquake	It hit Jaisalmer district and surrounding areas, seven persons injured, 2 animal died. It damaged pucca houses-93 completely, 2157 seriously, 276 partially and kucha houses-3 completely, 196 seriously, 51 partially.
29 October 2009	IOC Depot Fire at Jaipur	11 officers and labourers died, 65 injured and estimated loss of national property was ₹ 650 crore.
December 2009	Collapse of Chambal Bridge at Kota	48 labourers died and 12 injured in the accident.

(Source: Admn. & Progress Report 2006, 2008-09, DMRD and Information provided by Collectorate)

Annex- 10.5

Details of recent disasters or emergencies in Tamil Nadu

Period	Nature of disaster	Remarks (No. of persons died, affected, loss of crops etc)
26.09.2001	Earthquake of magnitude 5.5 in the Richter scale off the coast of Puducherry	3 deaths and minor damage to property in Puducherry and coastal Tamil Nadu
26.12.2004	Sumatra-Andaman earthquake and Tsunami– a very great earthquake in the north Indian Ocean and the Bay Bengal	7996 persons died and 1.50 lakh people were rendered homeless. Livelihood of fishermen and others were destroyed. 4.90 lakh persons were evacuated in Tamil Nadu.
October-November 2005	Very active north east monsoon 2005 coupled with low pressure area and deep depression over Bay of Bengal. Intense torrential downpour of rain in in many districts of Tamil Nadu.	497 persons died, 1520 cattle lost their lives, 104843 huts fully damaged and 206340 huts partly damaged.
17.12.2007 - 21.12.2007	Heavy Rainfall during North east monsoon	71 human lives lost, 385 milch animals lost and 20216 huts were damaged.
March 2008	Unseasonal heavy rains	24 human lives lost. 804 animals lost. 5782 huts were damaged.
26 November 2008	Nisha Cyclone	245 human lives lost, 6601 milch animals were lost. 10.59 lakh huts were damaged. 5.85 lakh hectares of agricultural crop damaged. 543 public buildings were damaged.
7.11.2009	Landslide in the Nilgiris district	44 persons lost their lives. 3715 huts were damaged. 899 landslides occurred in the state highways.
October – December 2010	Heavy north east monsoon rains	203 human lives lost. 6256 cattles were lost. 13975 huts were fully damaged and 52812 huts were partially damaged.
12.08.2011	Earthquake of magnitude 3.5 in Ariyalur area in Tamil Nadu	One death and minor damage in the districts of Cuddalore, Perambalur, Tiruchirappalli and Villupuram.
30.12.2011	Thane Cyclone – Cuddalore and Villupuram districts severely affected.	56 lives lost, 401 cattle died, 577584 huts were damaged and 2.34 lakh hectares crops were damaged. 27 High Tension towers, 45460 electric poles and 4700 transformers were uprooted.

(Source: Annual Report on natural calamities of Revenue administration, Disaster management and mitigation department, Chennai)

Annex- 10.6

Details of recent disasters or emergencies in Uttarakhand

Period	Disaster or natural calamity during 2007-08 to 2011-12	Loss of life due to natural calamities during 2007-08 to 2011-12
2008	Land Slide (9 ¹), Storm (1), Lightening (1), Glacier incident (2), Heavy rains (6) and Others ²	Total loss of lives: 653
2009	Land Slide (12), Heavy rains (8), Glacier incident (1), Lightening (1), Cloud burst (1) and Others	Loss of life due to: Landslide: 175 Avalanche: 13 Fire accidents: 26
2010	Land Slide (1), Storm (3), Heavy rains (2), Lightening (1) and Others	Heavy rains: 186 Cloud burst/ earthquake: 118
2011	Land Slide (4), Heavy rains (2), Cloud burst (3), Flash flood(1) and Others	Others ³ : 135
2012 (up to March)	Land Slide (1) and Others	

(Source: Department of Disaster Management, Uttarakhand)

Annex- 10.7

Details of recent disasters or emergencies in West Bengal

Sl. No.	Period	Disaster/ Natural Calamity	Remarks (No. of persons died, affected, loss of crops etc)
1	June-Sept 2010	Severe drought	11 districts affected
2	April 2010	Tornado	Uttar Dinajpur district was affected, 43 human lives lost, Estimated value of damaged crops ₹ 2395.35 lakh Estimated value of loss to houses: ₹ 15089.58 lakh.
3	May 2009	'AILA' cyclone	11 districts affected, 197 people died and lakh of people rendered shelter less. 4.47 lakh hectares crop area affected and Livestock loss was estimated at 213665 nos. The number of fully and partly damaged houses (both kutcha and pucca) was 403275 and 555458 respectively.
4	June-Aug 2007	Landslide	Darjeeling district was affected, 12 human lives lost, life of 1.32 lakh persons affected
5	July-October	Flood	13 districts affected; 355 human lives lost; life of 118.22 lakh persons affected; 8.59 lakh hectare

¹ In bracket, no. of incidents are given² Tree-fall, drowning, wall collapse, cylinder blast, debris-fall, high tension wire fall, stampede incidence etc.³ Other calamities are fire, avalanche, road accidents, hailstorm, and epidemics etc.

	2007		cropped area affected Total estimated damage to houses, crops and public property: ₹ 203.86 crore.
6	September –October 2006	Flood/cyclone	Monsoon rains and tropical cyclone-driven storms in the Bay of Bengal hit India and Bangladesh. West Bengal recorded 50 deaths, 300 were injured and 30,000 mud houses destroyed. Heavy rains left large parts of Kolkata city under water; subsequently 2000 people were evacuated from the city
7	June-Aug 2006	Flood	The regions of Birbhum, Burdwan and Murshidabad were affected mainly from continuous monsoonal downpour
8	October 2005	Flood	Heavy rains caused floods in many areas. About 3000 coastal villages were inundated.
9	July 2005	Flood/ Landslide	Heavy monsoon rains triggered flash floods and landslides
10	June-Oct 2004	Flood	Heavy monsoon rains affected several districts
11	June - Nov 2003	Flood	Monsoon rains caused floods affecting the regions of Darjeeling, Jalpaiguri, Malda and Murshidabad
12	November 2002	Cyclone	Caused 78 deaths along with the destruction of agricultural crops and property
13	June-August 2002	Flood	Flooding in Cooch Behar and Jalpaiguri in North Bengal due to monsoon rains. Flash floods swamped ten villages, causing four deaths and 11,000 cases displacement
14	July-Sept 2001	Flood	Kolkata was affected

(Source: Annual Administrative Report from 2007-08 to 2010-11 of State Disaster Management Department and State Disaster Management Plan)