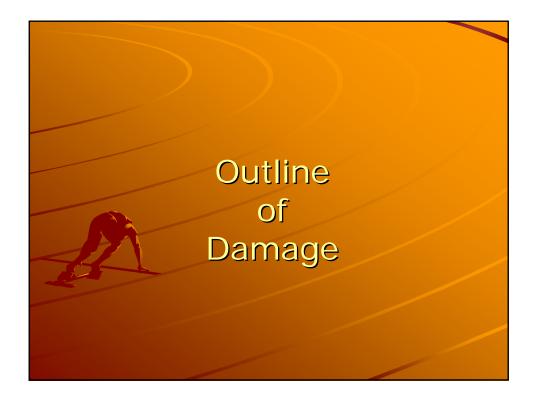


DM FRAMEWORK	Institutional Mechanism- Setting up of DM Authorities/ Policy/Act/Codes/Techo-legal/Techno- Financial regime Response Mechanism-Specialist Response Team/ Regional Response Centres/Emergency Operation Centres/ Incident Command System/India Disaster Resource Network/ Emergency Communication Plan Preparedness- Emergency Support Functions/Pre-contract/ DM Plans/DRM Programme/Urban Earthquake Risk Reduction Programme / Mass Media Campaign/Upgradation of Civil Defence Mitigation- Core Groups on Earthquake Mitigation/Cyclone Mitigation/ Techno-legal Regime/Human Resource Development/Disaster Risk Mitigation Technology in education/Mainstreaming Disaster Risk Reduction in other Ministries/Depts Crisis Management-Public disorder/terrorist outrages/Mutiny
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スライド 5

AOU2 Acer OEM User, 2010/01/06



CAUSE OF FLOODS

- A low pressure system developed in the west central Bay of Bengal and adjoining areas on 29th Sept.2009 and persisted till 4th October 2009.
- Under the influence of the above system the westerly along the west coast strengthened and consequently fairly widespread to widespread rainfall activity with heavy to very heavy rainfall at isolated places occurred over Orissa, Andhra Pradesh, Karnataka, Kerala and along the west coast

Cont'd

 The combination of torrential and incessant rains and abnormal discharges from the projects /dams in the river basin assumed catastrophic proposition causing huge damage.

 The huge overland flows resulted in the swelling of not only rivers but also streams and there by causing extensive flooding of agricultural lands and habitations

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	Extent of Damage cont'd				
	Areas	Andhra Pradesh	Karnataka	Total	
	No. of Districts affected	13	15	28	
-	No. of Villages affected	525	4292	4817	
-	Population affected	1.8 mn	18 mn	19.8 mn	
-	No. of Human lives lost	90	229	319	
	No. of Houses damaged	259095	655484	914898	
	Damage to crops	0.24 mn ha	2.19 mn ha	2.43 mn ha	
	No. of livestock	16149	7882	24031	

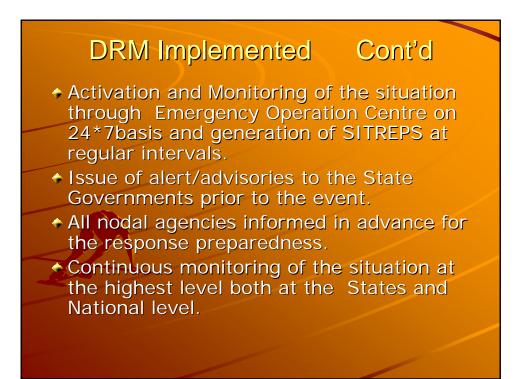
Extent of Damage				
Areas		Andhra Pradesh	Karnataka	Total
Roads (km	ıs)	4594	29613	34207
Bridges/Cu (no.)	ulverts	384	5240	5624
Irrigation	tanks(nos)	1795	449	1844
Major irrig structures		16	2014	2030
Water sup (no.)	ply system	6291	8525	14816
Power sup	ply (no.)	179340	115320	294660
Health infrastruct	ure(no.)	101	404	505













DRM Implemented

- The State Governments launched massive rescue and relief operations immediately after 29th September 2009.
- The State police ,Home Guard, Civil Defence, Fire Personnel,NGOs and Local community played vital role.
- The assistance of National Disaster Response Force, Army, Navy and Airforce provided from 1st October 2009 onwards for Relief and Rescue.

Rescue & Relief					
	Andhra Pradesh	Karnataka	Total		
Persons rescued/evacuated	.54 mn	5197	.54 mn		
Food packet distributed	5.44 mn	2.5 mn	7.94 mn		
Relief camps (nos.) (people accommódated)	403 (440123)	1715 (765623)	2118 (1.06 mn.)		
Medical camps (nos.)	378	-	378		
Veterinary camp	131	-	131		
Water sachet	3.65 mn	-	3.65mn		





Logistic Support					
		Andhra Pradesh	Karnataka	Total	
	Personnel	1269	629	1898	
_	Motorized boats	627	402	1029	
	Life buoys	310	352	662	
	Life Jackets	655	260	915	
~	BAUTs	23	12	35	
	Aircraft	5	4	9	
	Helicopters	10	10	20	
	Swimmers	1186	-	1186	





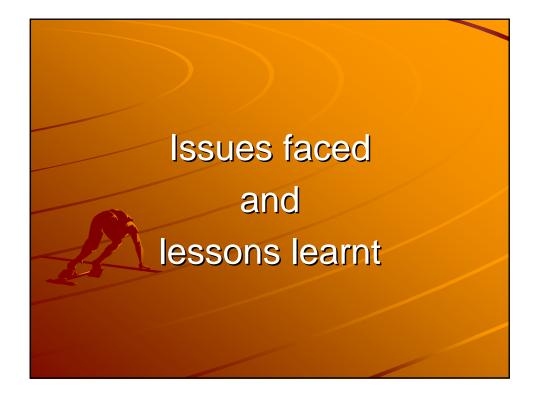
Financial Support

Andhra Pradesh

Advance release of 2nd installment of Central Government share of Rs.156.83 crore (USD 34 mn) released from Calamity Relief Fund and Rs.500 crore (USD 110 mn) as advance from National Calamity Contingency Fund

Karnataka

Advance release of 2nd installment of Central Government share of Rs.52.26 crore (USD 11.55 mn) released from Calamity Relief Fund and Rs. 5 0 0 crore(USD 110 mn) as advance from National Calamity Contingency Fund





Lessons Learnt

- To undertake flood mitigation structural measures like construction of embankments, raising the villages, flood proof structures etc.
- Need to have proper drainage system.
- More Community awareness generation programmes and Community based DRM projects
- Better coordination between States with regard to water management.
- More coordination at the ground level in providing relief to the affected people.
- To strengthen communication with last mile connectivity.
- Well trained and equipped management Team.



