
ICT Application in Community Based Early Warning System

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What this presentation is all about?

- Profile of Natural Hazards in Andhra Pradesh
 - Status of dissemination of last mile hazard warning systems
 - Lessons for Future
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Profile of Natural Hazards in Andhra Pradesh

- Andhra Pradesh has had a long and torturous history of cyclones and floods
- 71 cyclones in the past 100 years
- Four major cyclones- Caused immense loss of lives and livestock and massive damage in property and productivity
- Tsunami of December 2004 caused deaths and damage amounting Rs.1, 650 crores.
- Geographical location of the state makes it vulnerable to the natural hazards

Status of dissemination of last mile hazard warning systems

- Huge gap in disseminating information from mandal level to the last mile or the vulnerable and at risk communities.
- Wireless communication system is linking the Top administration and the mandal, but not connected to the level of grassroots villages/communities
- Local level administration is not trained in responding to disasters and is over burdened with administrative works.
- Hardly any effort by the district authorities to recognize and utilize the services of the trained community members.
- The community infrastructure is poorly managed indicating the importance of community involvement in any development effort

Key Lessons for Future

- Skill enhancement of CBOs is indispensable
- For maximum benefit new technologies for public communication could be made use of
- People's involvement is highly crucial in the establishment of an effective early warning dissemination system
- Greater need for a community lead institution/network of CBOs for a better co-ordination and linkages in pre-during and post disaster situations
- It is decisively logical to educate the communities on the livelihood security measures of risk sharing/transfer and work for the regeneration of the coastal resources.

Thank You