

Child Right to Disaster Safe Education – case study of school safety programme in Delhi

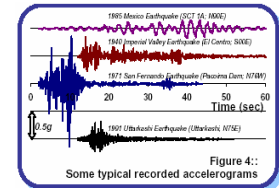


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Structure of Presentation

- Damages to Schools in past disasters
- Why Schools are so important
- Risk Mitigation Strategy for Schools in Delhi
- Looking Ahead



Why Child Safety?

- According to the UN Convention on the Rights of Child
 - All Children have a right to education in safe, healthy and conducive environment
 - Society has an obligation to provide such conditions

Why Schools?

- Children are most vulnerable population group during a disaster, especially those attending school at the time of the catastrophe.
- During disasters, school buildings are destroyed, taking away the precious lives of children and teachers and stalling access to education in the aftermath of disaster. Rebuilding these schools can take years and is very costly
- About 34 million schools going children are subjected to risk due to earthquakes only worldwide (adapted: ISDR report)

Impact of Disasters on Educational Facilities

- Disasters have critical influence on the educational activities throughout the globe
- In addition to damage to educational infrastructure like school buildings and offices, the education sector also suffers losses in terms of death.
- The dead may include students, school teachers, and others working at school

Examples of adverse impact of disasters on Educational facilities

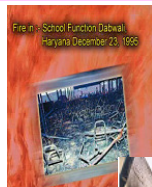
Bhuj Earthquake, 2001

Kashmir Earthquake, 2005

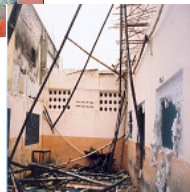
Bam (Iran) Earthquake, 2003

Armenian Earthquake, 1988

Fire Disasters and Schools



Fire in School Building Dabul, Marjani December 23, 1996



Summing up – Part 1

- In each disaster, school buildings are destroyed, taking away precious lives of children and teachers;
- It takes a long time for such institutions to recover
- Often, when disasters strike, children are unable to escape in time, leading to stampede etc.

What can Schools do?

Awareness generation

- **Teachers**
 - learn to teach
- **Students**
 - learn to perform
- **Parents**
 - learn with their wards

Development Activity

- **Can act as an emergency centre for providing**
 - shelter at the time of crisis
 - Managing/distributing relief
- **Developed countries are using school buildings for this purpose as well**

Motivation

- Children are a dynamic and powerful force of change and supporters for creating awareness in the community
- They can contribute in a unique manner with energy and vision to find local solutions and enlighten their elders and parents urging them for safety against disasters.

Impact of Education

Children who are taught about natural hazard risks play an important role in saving lives and protecting members of community at a time of disasters

Examples

Earthquake in China, 2008

May 12, 2008, Mw 7.9 at 2:28 PM local time



Ray of hope

Why?

- School was renovated recently with a financial support from the county government for \$58,000 /-

Risk Reduction Strategy in Delhi

Prevailing Hazards in Delhi

- , Delhi had a very high rate of urban fires specially in summers and during festivals.

Strategies

- Improve post-disaster assessment and communication capacity
- Communicate risk and mitigation measures to various stakeholders

Delhi Schools Safety Programme

- **Two pronged strategy**
 - Non-structural measures
 - Structural measures

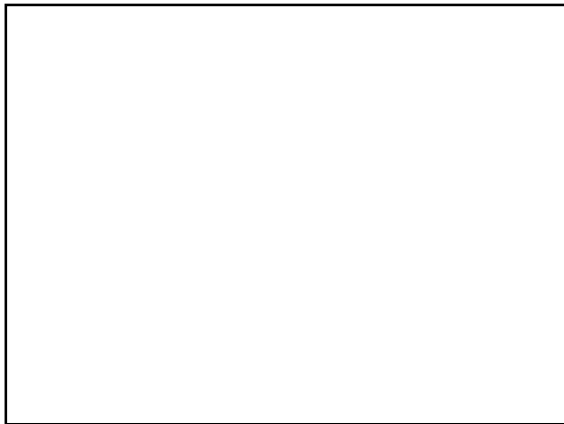
Non-structural measures

- Sensitization of teachers, students and parents
- Identification of hazards and vulnerabilities at school level and preparation of school disaster management plans including almost all government schools under its jurisdiction on non-structural aspects of disaster risk mitigation

Mock drill



Duck, Cover and Hold



Structural Measures



Other Measures

- GNCTD is going to initiate a project of

Role Players

- **Government of NCT Delhi (GNCTD)**
 - Development Commissioners Office (implemented GOI-UNDP DRR reduce risks due to earthquake and fire hazards while upgrading the overall condition of schools
 - in all schools by October 30, 2009

Role Players

- **Government of India through-**
 - NDMA is initiating a big only initiated disaster management educational programmes in all its affiliate schools at class VIII, IX and X levels has instructed all schools to take appropriate action toward safety and security of students from all hazards including earthquake and fire at school level
- **NGOs (SEEDS) etc.)**

Disaster Preparedness : Recent Trends

- **Multi-hazard approach**
- **Holistic, preparedness, recovery, rehabilitation and reconstruction - i.e. complete cycle of disaster management**

Opportunities with Schools

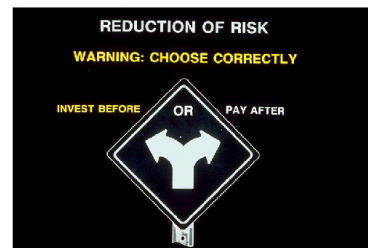
- **Resources**
 - with community on regular basis – PTA meetings

What Needs to be done ?

Reduce Risk... Preparedness

- **Based Approach**
- **Structural Safety programmes**

Reduce Risk... Choice of Option

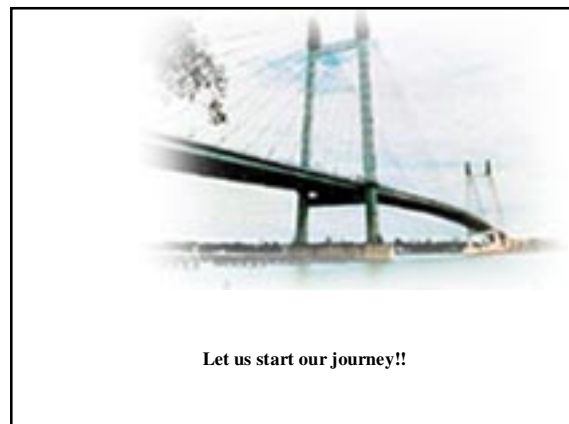


We have choice either

1. invest in risk reduction actions now, before the disaster strikes or
2. wait and pay the high costs of recovery and reconstruction after the disaster strikes



One thousand mile journey has to start with first step



Let us start our journey!!

Let us Work Together for
**Building a Culture of
Prevention !**



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