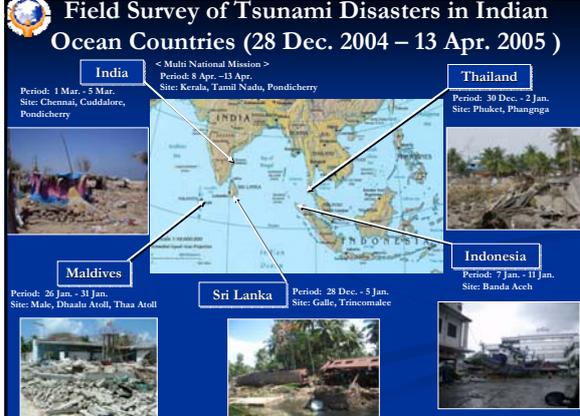




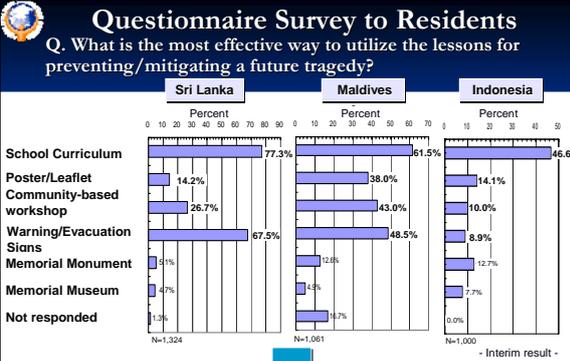
# Education for Disaster Preparedness in Primary Schools in Thailand

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## Field Survey of Tsunami Disasters in Indian Ocean Countries (28 Dec. 2004 – 13 Apr. 2005)

- India** < Multi National Mission >  
Period: 1 Mar. - 5 Mar. Site: Chennai, Coimbatore, Pondicherry  
Period: 8 Apr. - 13 Apr. Site: Kerala, Tamil Nadu, Pondicherry
- Thailand**  
Period: 30 Dec. - 2 Jan. Site: Phuket, Phangnga
- Maldives**  
Period: 26 Jan. - 31 Jan. Site: Male, Dhaalu Atoll, Thaa Atoll
- Sri Lanka**  
Period: 28 Dec. - 5 Jan. Site: Galle, Trincomalee
- Indonesia**  
Period: 7 Jan. - 11 Jan. Site: Banda Aceh



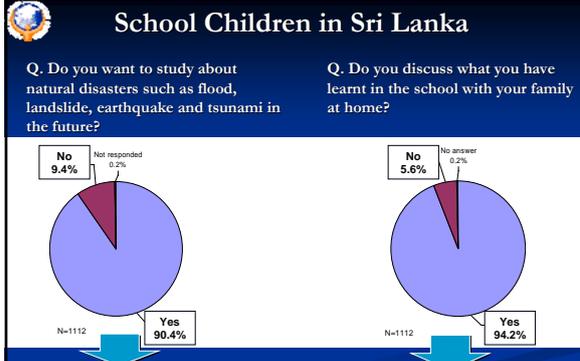
### Questionnaire Survey to Residents

Q. What is the most effective way to utilize the lessons for preventing/mitigating a future tragedy?

Method	Sri Lanka (%)	Maldives (%)	Indonesia (%)
School Curriculum	77.3%	61.5%	46.6%
Poster/Leaflet	14.2%	38.0%	14.1%
Community-based workshop	26.7%	43.0%	10.0%
Warning/Evacuation Signs	67.5%	48.5%	8.9%
Memorial Monument	4%	12.8%	12.7%
Memorial Museum	4.7%	4.8%	7.7%
Not responded	1.2%	12.7%	0.0%

**The major people consider the most effective way is a disaster education program at school. And the next is warning/evacuation signs.**

Note: Survey in Maldives was conducted by ADRG for UNDP Maldives.



### School Children in Sri Lanka

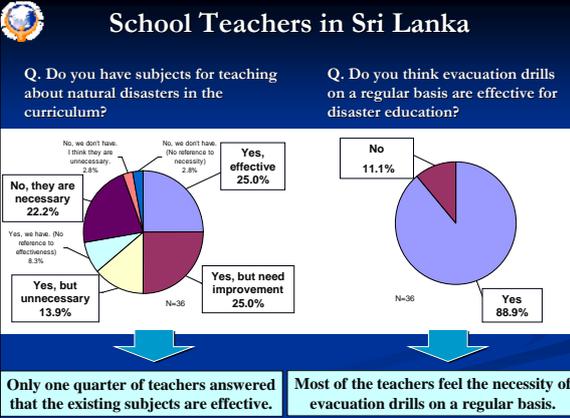
Q. Do you want to study about natural disasters such as flood, landslide, earthquake and tsunami in the future?

Q. Do you discuss what you have learnt in the school with your family at home?

Response	Percentage
Yes (to Q1)	90.4%
No (to Q1)	9.4%
Not responded (to Q1)	0.2%
Yes (to Q2)	94.2%
No (to Q2)	5.6%
No answer (to Q2)	0.2%

**Children are now highly concerned about natural disasters.**

**Disaster education contributes to the education of children's families.**



### School Teachers in Sri Lanka

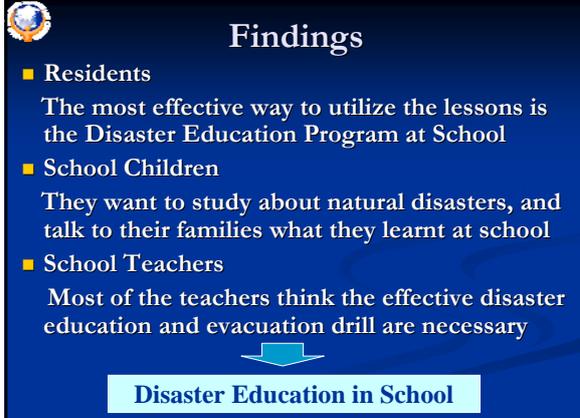
Q. Do you have subjects for teaching about natural disasters in the curriculum?

Q. Do you think evacuation drills on a regular basis are effective for disaster education?

Response	Percentage
Yes, effective	25.0%
Yes, but need improvement	25.0%
Yes, but unnecessary	13.9%
No, they are necessary	22.2%
No, we don't have, I think they are unnecessary	2.8%
No, we don't have, (No reference to necessity)	2.8%
Yes, we have, (No reference to effectiveness)	8.3%
No	11.1%

**Only one quarter of teachers answered that the existing subjects are effective.**

**Most of the teachers feel the necessity of evacuation drills on a regular basis.**



### Findings

- Residents**  
The most effective way to utilize the lessons is the Disaster Education Program at School
- School Children**  
They want to study about natural disasters, and talk to their families what they learnt at school
- School Teachers**  
Most of the teachers think the effective disaster education and evacuation drill are necessary

**Disaster Education in School**

## Outline of the Project

- **Objectives**
  - Strengthen disaster preparedness in primary schools
  - Build teachers' capacity on disaster education
  - Disseminate the correct knowledge about tsunami
- **Targets/Beneficiaries**
  - Grade 4-6 primary school students, teachers
- **Organizer**
  - Asian Disaster Reduction Center, co-organized by Ministry of Education, Ministry of Interior
- **Duration**
  - October 2005 – April 2006
- **Support**
  - UNESCO/IOC, UN/ISDR



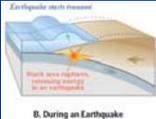
## Activities

The main activities are,

- **Compiling and analyzing existing materials** (October – December 2005)
- **Developing a side-reader and a teachers' guide**
  - 1) Consultative committee meeting (19 Jan. 2006)
  - 2) Pilot classes and Evacuation Drill in 2 schools (1 – 3 March 2006)
  - 3) Printing 10,000 side-readers and 1,000 teachers' guides
- **Holding a seminar to be participated in 100 teachers and local government officials** (7 April 2006; tentative)

## Contents of the side-reader (for 4-6 grade students)

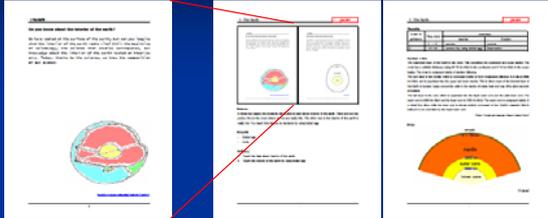
1. The Earth
2. Earthquake and Tsunami
3. Evacuation
4. Countermeasure
5. Short story (Student's composition)





## Teachers' Guide

Students' side-reader



**What to teach? How to teach?**

1. Purpose	4. Timetable
2. Materials	5. Teacher's data
3. Guidance	6. Image

## Consultative Committee (19, January 2006)

1. Consulting on the contents of the materials (side-reader for students and teachers' guide)
2. Consulting on the planning on workshop including evacuation drill
3. Lecturing to the seminar participants (teachers, educators and government officials)



Meeting on 19 January 2006

Members of Consultative Committee

- ◆ UNESCO/IOC/ITIC expert
- ◆ Disaster Management expert
- ◆ Disaster Education expert
- ◆ Ministry of Education
- ◆ Ministry of Interior (DDPM)
- ◆ Pilot School Teachers

Observers  
UN/ISDR, UNESCO, UNICEF, NDWC etc.

## Workshop (1-3 March 2006)

Review and Evaluate the developed materials through the Pilot Classes and Evacuation Drills




Tablamu School (Phang Nga)

Kalim School (Phuket)





## Seminar (tentative)

- Date  
7 April 2006 (1 day)
- Venue  
Phuket, Thailand (tbd)
- Participants  
100 teachers and local government officials in 6 tsunami affected provinces
- Objective  
To disseminate tsunami education materials and teaching know-how
- Agenda  
Lectures by experts, Explanation of materials, Exercise by participants, etc

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## Features of the Project

- **Applicable for other countries/regions**
  - Selected contents through compiling and analyzing existing materials, and consulted by both experts of disaster management and formal education
  - ⇒ Translation, replacement of pictures and photos will be needed
- **Teachers' Guide**
  - Basic essential knowledge for teachers are indicated, including some experiments to attract their students
  - ⇒ Teachers can learn "what to and how to" teach

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## Education Project in Sri Lanka (information)

- Objectives
  - To raise the awareness of school community on,
    - the various types of natural disasters
    - the value of disaster reduction as a strategy of capacity building
- Targets/Beneficiaries  
School representatives (principals, teachers, etc.)
- Activities
  - Consultative Meeting
  - District Workshop
  - Pilot Lessons
- Period  
March – September 2006
- Support/Fund  
USAID



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# Thank you very much for your attention

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