



# Disaster Management Planning

Sugath Disasnayake -Director( Training and Awareness)

Disaster Management Centre,

Vidya Mawatha,



# SRI LANKA IN THE WORLD MAP



Sri Lanka





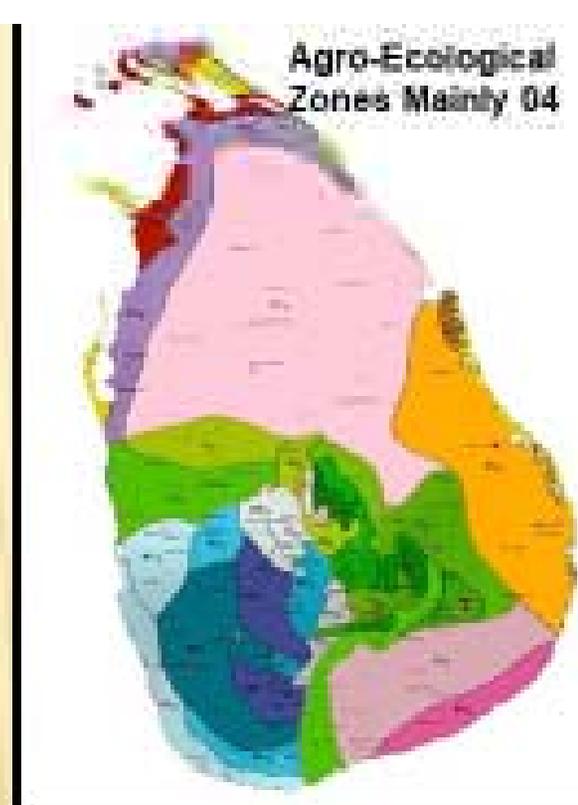
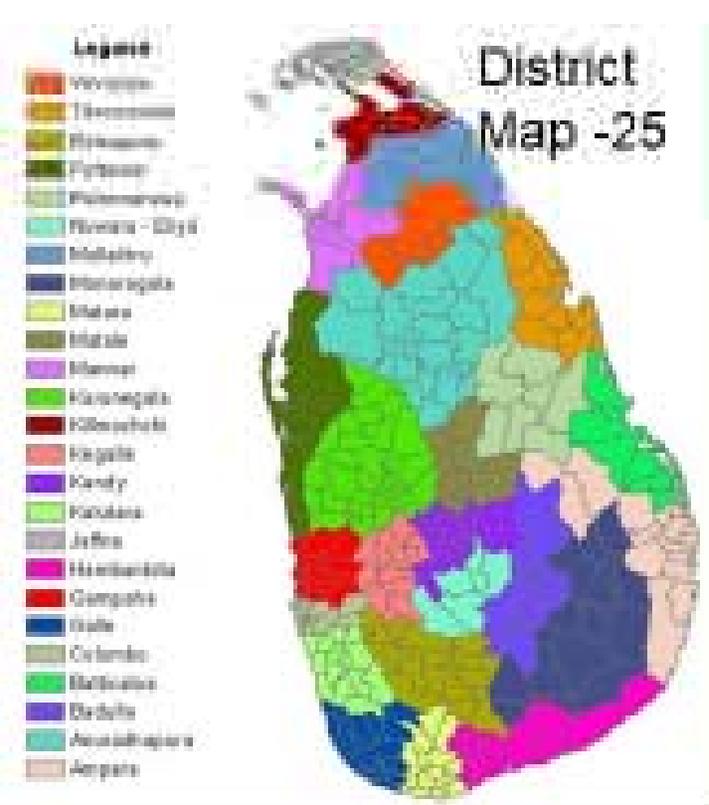
# ***WEATHER AND CLIMATE IN SRI LANKA***

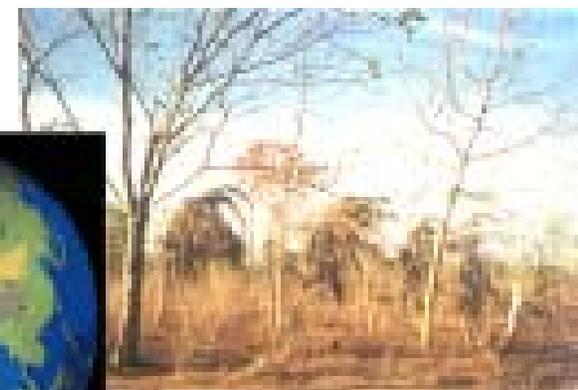
*The climate of Sri Lanka is typically tropical with an average temperature of 27°C. In the higher elevations it can be quite cool with temperatures going down to 8-16°C at an altitude of nearly 2,000 meters.*

*Normally-Bright, sunny, warm days.*

*The south west monsoon -May to July western  
(southern and central regions)*

*North-east monsoon –December and January  
(Northern and eastern regions)*





# Multi Hazards in Sri Lanka

Multi Hazard Country



# Threats to life of children

- Natural hazards
- Man made hazards
- Human actions
- Environmental hazards
- Animal attacks
- Sexual violence
- Diseases/epidemics
- Accidents
- Loss of care and security

# Main issues of children in disasters

- Most vulnerable to adverse conditions created by disasters
- Security and safety – exposure to various forms of abuse and exploitation
- Loss of parents/guardians
- Trauma
- Displacement
- Psycho- social issues
- Protection issues
- Disruption of education

## **When disaster strikes who are the most vulnerable?**

- Children, pregnant women, elderly people, malnourished/disable people and people who are ill...

## **What is the major contributor to the vulnerability?**

- Poverty, malnutrition, homelessness, poor housing, less access to information and networks, what else?

## Impact of Tsunami on Children – Sri Lanka

Children who lost one parent	3954*
Children who lost both parents	979*
Schools damaged	182
Schools used as camps for IDPs	446
School children affected	200,000

# Impact of Meeriyabeddha Landslide on Children –Koslanda 2014

Children who lost both parent -3(two Boys and one Girl)  
Children who lost one parent - 6

District	Total No. of School	Damaged School 2016	
		2016	2017
Colombo	406	63	-
Kalutara	417	19	136
Gampaha	536	38	-
Kegalle	533	32	-
Rathnapura	592	02	94
Puttlam	366	18	-
Matara	364	-	71
Hambantota	319	-	18
Galle	430	-	17
<b>Total</b>	<b>3963</b>	<b>172</b>	<b>336</b>

# Factors that may affect impact of disasters on children

- individual characteristics of children,
- the capacity of the environment to reduce impact (families, communities, States),
- type of disaster (duration, impact, intensity) and
- response capacity of communities and stakeholder institutions

# Factors influencing children's vulnerability in disasters

Psychological vulnerability	Physical vulnerability	Education vulnerability
<ul style="list-style-type: none"> <li>❖ Life threat</li> <li>❖ Family separation</li> <li>❖ Death of a loved one</li> <li>❖ Material loss</li> <li>❖ Home /school damage</li> <li>❖ Direct exposure or Media exposure to disaster</li> <li>❖ Child characteristic (race, age etc.)</li> <li>❖ poor function / prepared ness for disaster</li> <li>❖ parental distress</li> <li>❖ low level social supports</li> <li>❖ Negative coping skills</li> <li>❖ Displacement</li> </ul>	<ul style="list-style-type: none"> <li>❖ Living in poor communities in hazard prone region</li> <li>❖ Living in/ going school substandard structures.</li> <li>❖ Loss of parent</li> <li>❖ Family separation</li> <li>❖ Poor diet</li> <li>❖ Parental distress</li> <li>❖ Unsafe /unsanitary shelter environments</li> </ul>	<ul style="list-style-type: none"> <li>❖ Destruction of school building</li> <li>❖ Displacement of students and teachers</li> <li>❖ Loss of vital records</li> <li>❖ Multiple school changes</li> <li>❖ Family instabilities</li> <li>❖ Unwelcoming/unsupportive school environments</li> <li>❖ Delayed enrollment</li> <li>❖ Poor academic performant</li> <li>❖ Loss of parent</li> <li>❖ Increased work demands</li> </ul>

# Impacts of Disasters on Children

Impacts will vary depending on whether the hazard is:

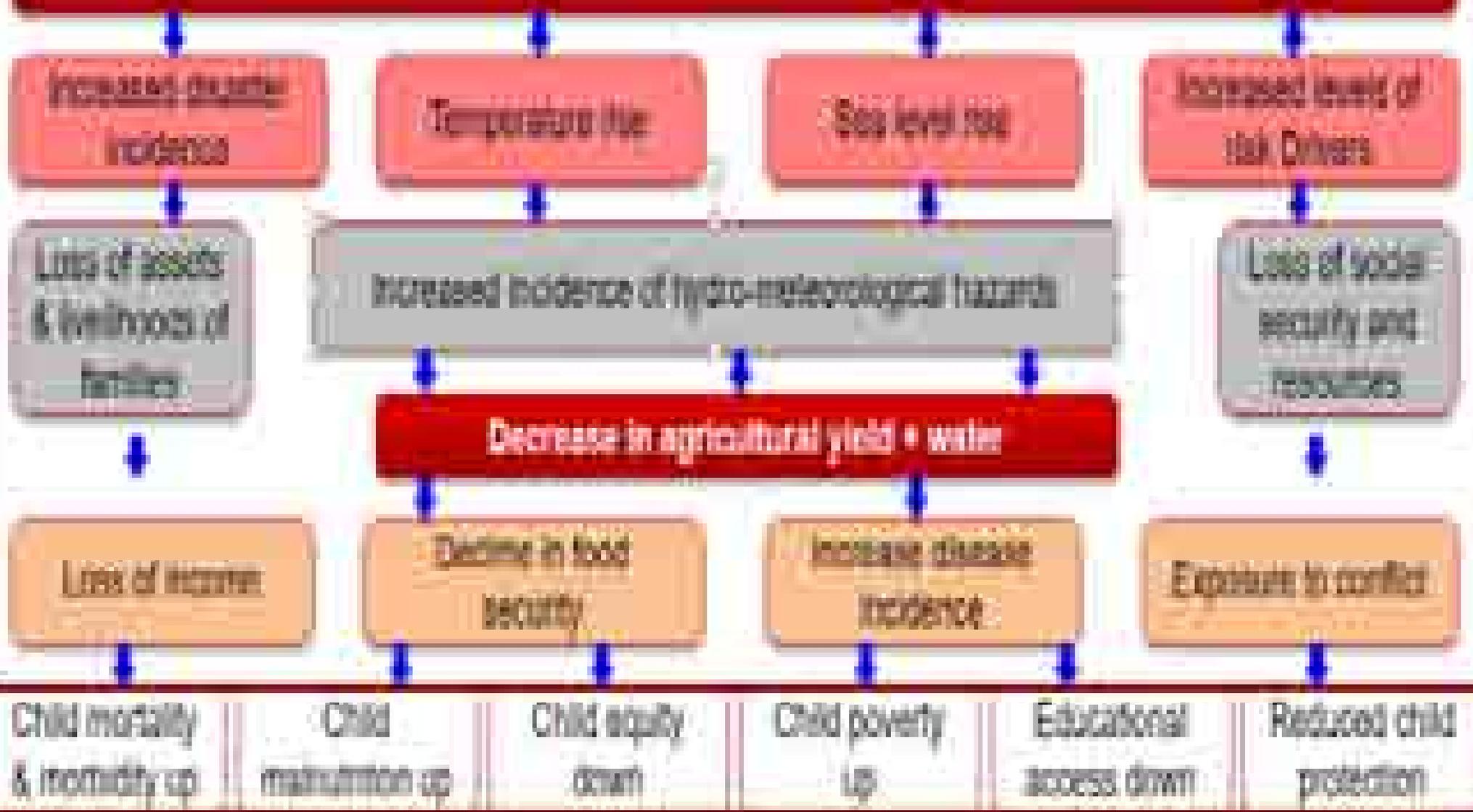
- sudden (such as earthquakes or flash flood),
- fast on-set (floods, cyclones etc.) or
- slow-onset (such as drought).

## Type of vulnerability children experience in disaster

<b>Psychological Vulnerability</b>	<b>Physical Vulnerability</b>	<b>Educational Vulnerability</b>
<ul style="list-style-type: none"><li>• PTSD</li><li>• Depression</li><li>• Anxiety</li><li>• Emotional distress</li><li>• Sleep disorders</li><li>• Somatic complaints</li><li>• Behavioral problems</li></ul>	<ul style="list-style-type: none"><li>• Death</li><li>• Injury</li><li>• Illness and disease</li><li>• Malnutrition</li><li>• Heat stress</li><li>• Physical and sexual abuse</li></ul>	<ul style="list-style-type: none"><li>• Missed school</li><li>• Poor academic performance</li><li>• Delayed progress</li><li>• Failure to complete education</li></ul>

# Disasters and Climate Change Impacts on Children

## Disasters and Climate Change Impacts on Children



# Main Activities of Disaster Risk Management for Children

- ❖ Coordination
- ❖ National Guideline for schools disaster safety plan
- ❖ Awareness program on DRR
- ❖ Training programs
- ❖ Drills
- ❖ Establish schools volunteer teams
- ❖ DRM in to school curriculum
- ❖ Distributing martial and book let
- ❖ Organizing exhibitions
- ❖ Using disaster awareness mobile vehicle
- ❖ competition (Arts, composition, speech.....)
- ❖ Structural mitigation
- ❖ Coordination

# Steps in school Disaster safety plan

1. Establish a school safety management team
2. Create awareness among the school community
3. Identify hazards and resources
4. Establish and train the school disaster safety team
5. Prepare the school safety plan
6. Disseminate the plan and conduct mock drills
7. Evaluate and update the plan







# Why DRR in Schools ?

- Children are severely affected by disasters

*Children are vulnerable*

*Schools are not safe.*

*More than 50 per cent affected are children*

*A factor inhibits school attendance*

- Teachers can save lives

# School Awareness



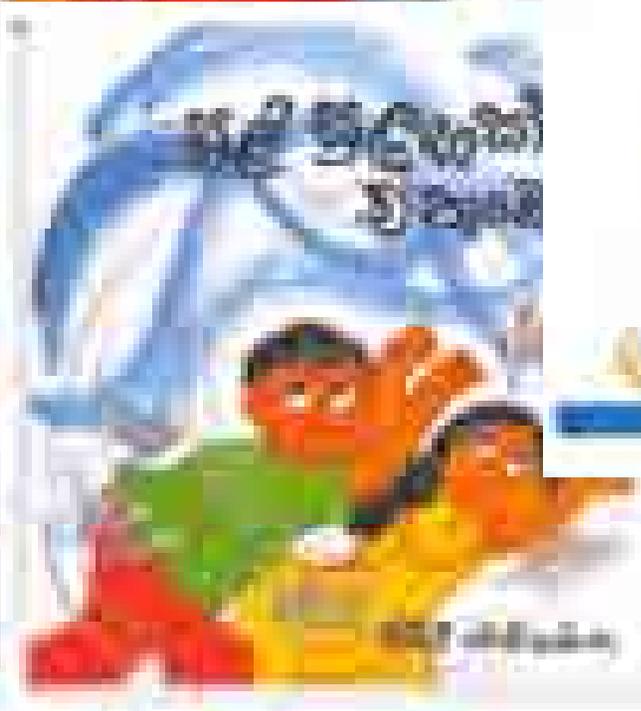
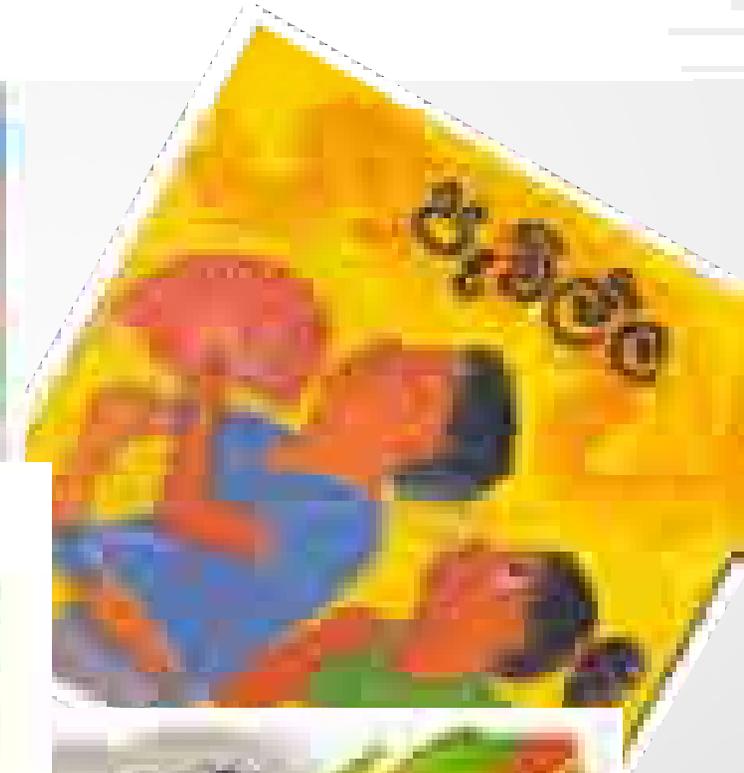


# Awareness Program for School Children Through Mobile Vehicle





# Education Materials



## Dengu Awareness Seminar and Siramadana Activities

- Colombuthurai Maha Vidyalayam
- Jaffna District Secretariat
- Thirunagar Village
- Jaffna College of Education Kopay
- Vasanthapuram



At College of Education



At Kachcheri



At Columbuthurai MV



At Thirunagar

## Disaster Management Competition Exam

- 96 A/L Schools from Five Zonal Education and all streams
- Approximately 13000 students attempted in the exam



Handing over Exam Paper



Issuing Exam Paper to Students



During Exam Time



Exam Paper Evaluation

## Awareness on Disaster Management Activities Seminar:

Conducted Seminars at

- |  |   |                               |
|--|---|-------------------------------|
| •ST.Charls M.V                           | Idaikkadu M.V                             | Osmaniya College              |
| •Vaddu Hindu College                     | Achchuvveli Central College               | Holy Family Convent           |
| •Chundukkuli Girls School                | Chankanai SaivappiragashaSt               | James Girls School            |
| •St. Patrick's College                   | Chundikuli Girls College                  | Colubuthurai MV               |
| •Uyarappulam Methodist                   | Vaitheeswara College                      | College of Education Kopay    |
| •Divisional Secretariat, Nallur          | Tuition Center, Chavakachcheri            | Divisional Secretariat, Kopay |
| •196 Northern Province Geography Teacher | Avarankal Nadarajah Ramalinga Vidiyalayam |                               |



College of Education Kopay



Student Participants

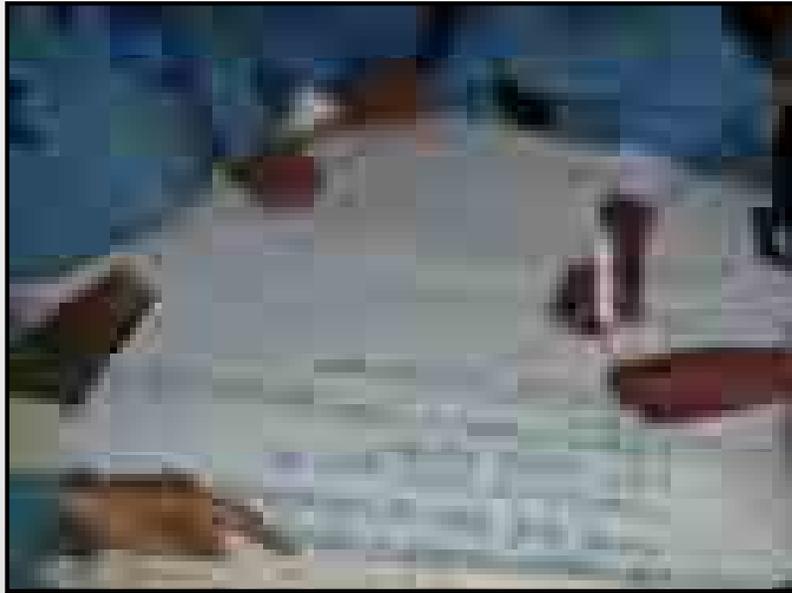


Student Participants



Student Participants





Establishing School DM Volunteer Teams



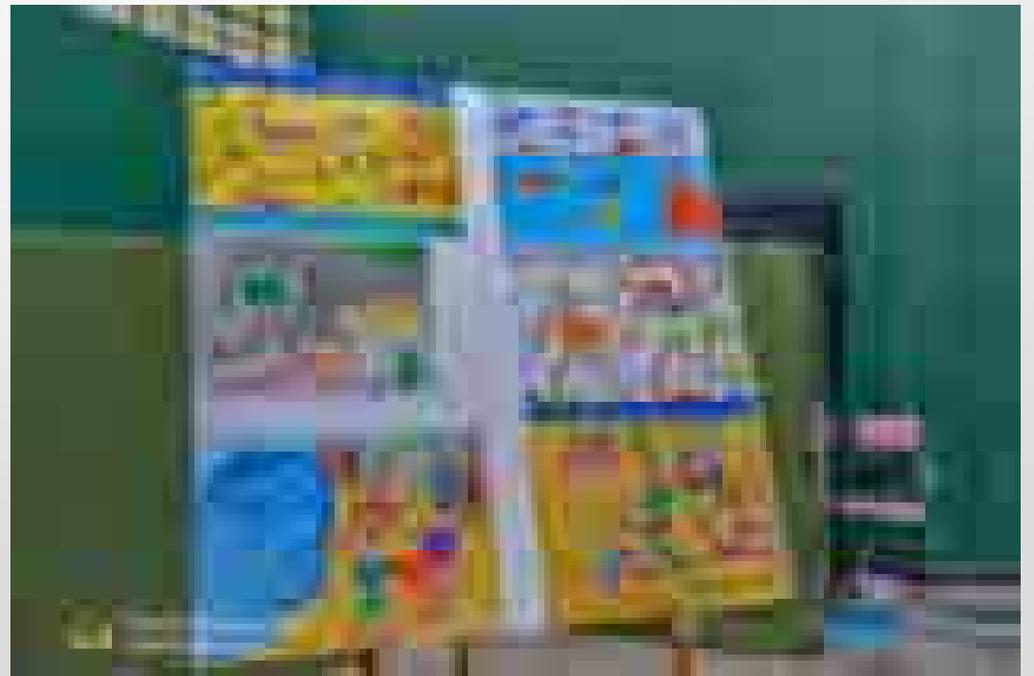
To ensure the safety of students and school staff, everyone has to know how to evacuate the school and how to face emergencies.



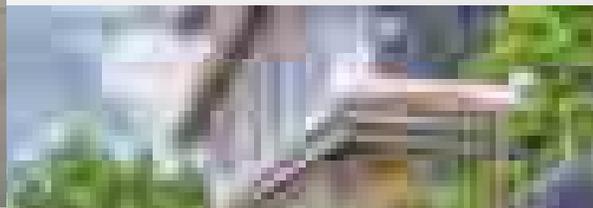
# Losses and damages to Education sector in Sri Lanka

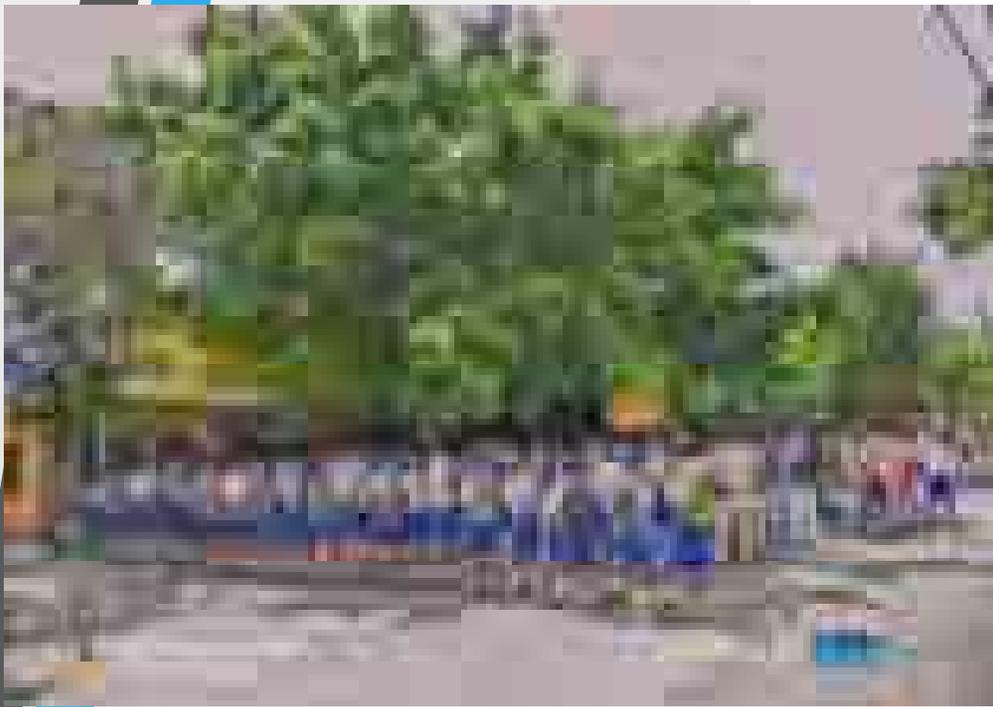
from selected disasters

Losses and Damages	2004 Indian Ocean Tsunami	2016 May Floods and landslides	2017 May Floods and landslides
Pre- schools		140 3500 students affected	382 11, 460 students affected
Schools	168	173	336
Overall estimated damages and losses to the Education Sector	Estimated recovery Needs LKR 4.7 Billion	LKR 623.69 million	LKR 1417.80 million
Damage to Infrastructure/Physical assets		LKR 507.08 million	LKR 1,084.8 million
Total recovery and reconstruction cost estimated for 2018-21 in the education sector			LKR 1,515.65 million





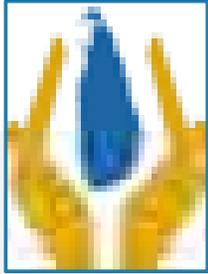




# School Awareness



# Awareness Program for School Children Through Mobile Vehicle



# Early Warning Towers









# DMC Web



## Disaster Management Centre

Disaster Management Centre  
Ministry of Home Affairs  
Government of India



Home Affairs

Home Affairs



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Any Question or Clarification ?



If not ,We together to Safe the  
Children and Make  
Resilience Community in our  
Region



Act with our capacity and Mandate to make disaster resilient for Children ;



Thank you for your attention!

# Management

Ministers in charge of

- Social Services
- Rehabilitation & Reconstruction
- Home Affairs
- Health
- Science & Technology
- Housing
- Coast Conservation
- Irrigation
- Power
- Defence

## National Council for Disaster Management

Chair Person : H.E. President  
Vice Chairman: Hon. Prime Minister  
Leader of Opposition  
Nine Provincial Chief Ministers  
Five MPs from Opposition

Ministry of Disaster Management

DMC

Ministers in charge of

- Police
- Finance
- Land
- Fisheries & Aquatic Resources
- Foreign Affairs
- Water Supply
- Highways
- Urban Development
- Education
- Environment

