

**Disaster in Sri Lanka
&
The Disaster Management
Capacity Enhancement Project
Adaptable to Climate Change
(DiMCEP)**

JICA Expert H.NAMIKI

TSUNAMI 2004



Initiatives taken by the Government after Tsunami

- ❖ A Parliamentary Select Committee was appointed to review the disaster risk management in 2005
- ❖ An Interim Committee on Early Warning System was set up
- ❖ In May 2005, Disaster Management Act No 13 of 2005 passed in the Parliament .
- ❖ The National Council for Disaster Management (NCDM) was established, as per the act in 2005
- ❖ The Disaster Management Centre (DMC) was established in 2005
- ❖ In December 2005, the Ministry for Disaster Management was established. In January 2006, Human Rights portfolio was added to the Ministry

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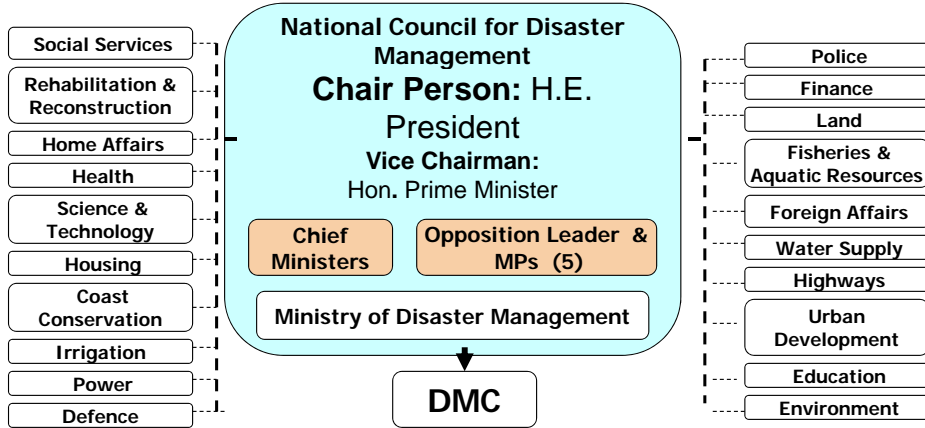
Sri Lanka Disaster Management Act; No.13 of 2005

- ❖ Provides for a Framework for Disaster Risk Management (DRM) in Sri Lanka
- ❖ Addresses Disaster Management (DM) holistically, leading to a policy shift from response based mechanisms to a proactive approach

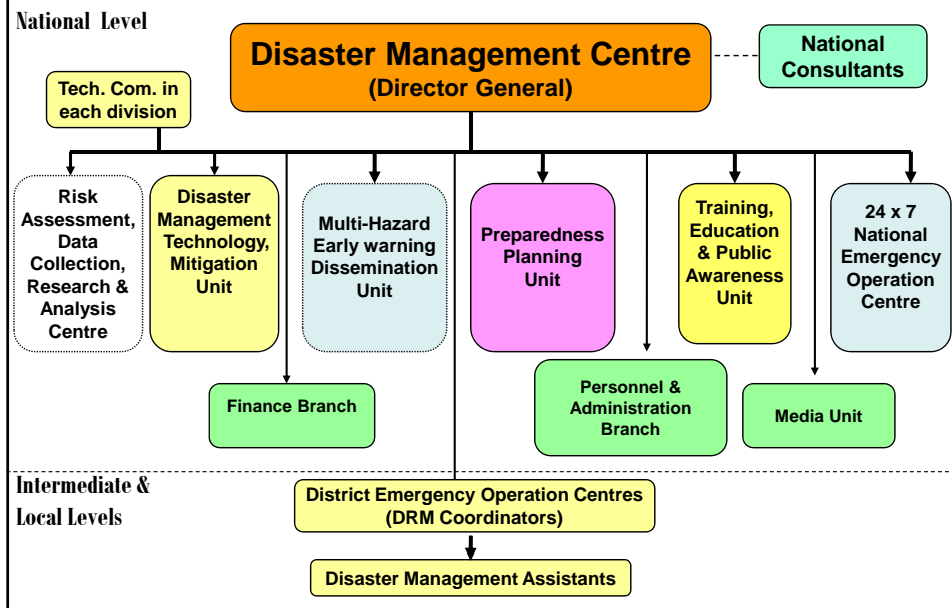
National Council For Disaster Management

Ministers in charge of

Ministers in charge of



Organizational Structure Disaster Management Centre



DISASTER MANAGEMENT CENTRE (DMC)

Vision:

Disaster Risk Management for safer communities and sustainable development in Sri Lanka

The Broad Mission:

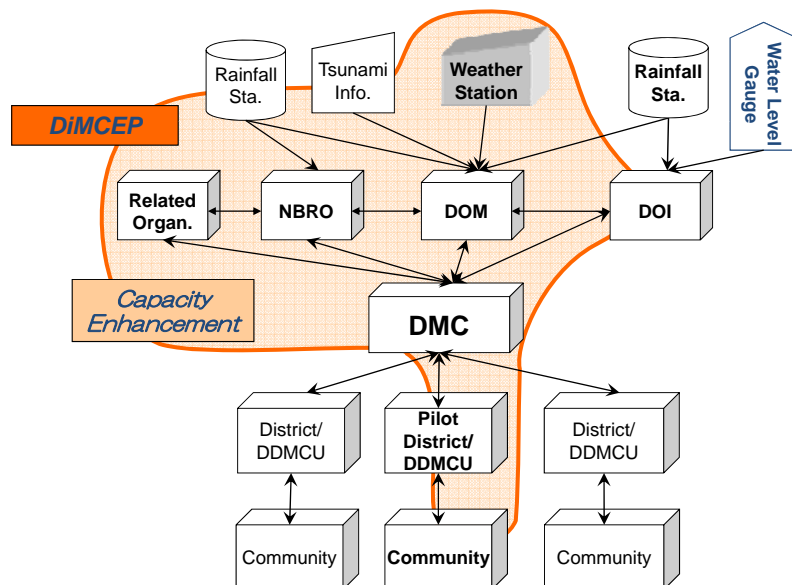
To create a culture of safety among communities and the nation at large through systematic management of natural, technological and man-made disaster risks



Hazards listed in the Act

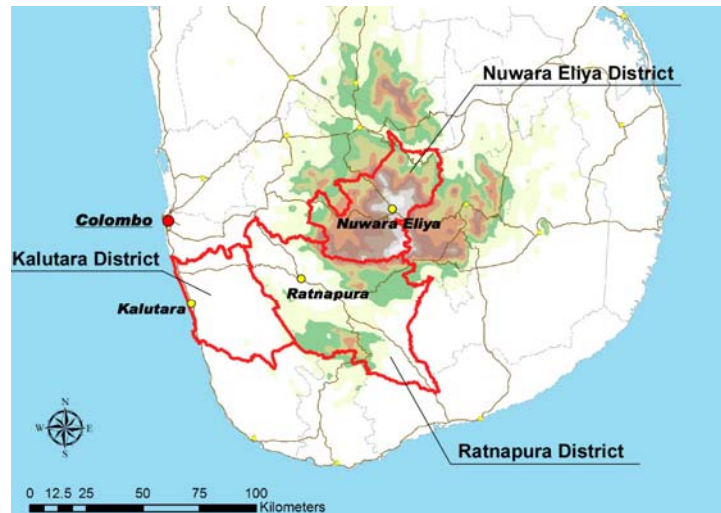
- | | |
|---|--|
| <ul style="list-style-type: none"> ❖ Floods ❖ Droughts ❖ Landslides ❖ Industrial Hazards ❖ Tsunami (Seismic Wave) ❖ Earthquakes ❖ Air Hazards ❖ Fire ❖ Epidemics ❖ Explosions | <ul style="list-style-type: none"> ❖ Air Raids ❖ Civil or Internal Strife ❖ Chemical Accidents ❖ Radiological Emergency ❖ Oil Spills ❖ Nuclear Disaster ❖ Urban and Forest Fire ❖ Coastal Erosion ❖ Tornadoes, Lightening strikes and Severe Thunder Storms |
|---|--|

Coverage of DiMCEP and Flood Management Study



Pilot Area

Kalutara, Ratnapura, Nuwara Eliya)



Objectives

Based on R/D signed on December 11, 2009

[Overall Goal]

The disaster management model is disseminated.



[Project Purpose]

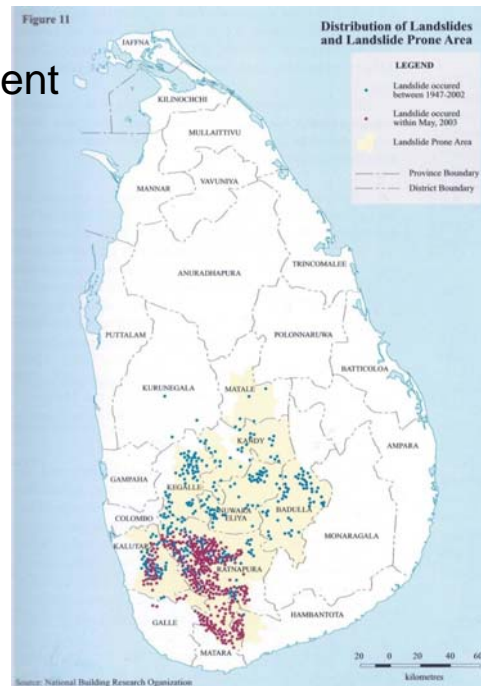
A model for complete communication network in disaster observation, forecasting & community level activities including evacuation in the pilot areas are prepared.

Outputs

Based on R/D signed on December 11, 2009

1. Leadership and coordination capacity of DMC is strengthened.
2. Analysis and monitoring capacity of DOM is enhanced.
3. Analysis and monitoring capacity of NBRO is enhanced.
4. Disaster management information is regularly transferred.
5. Disaster management capacities of districts, divisions and communities in pilot areas are improved.

Slope Movement Occurrence



Various kind of slope movement occurred



Steep slope failure

Various kind of slope movement occurred



Steep slope failure

Various kind of slope movement occurred

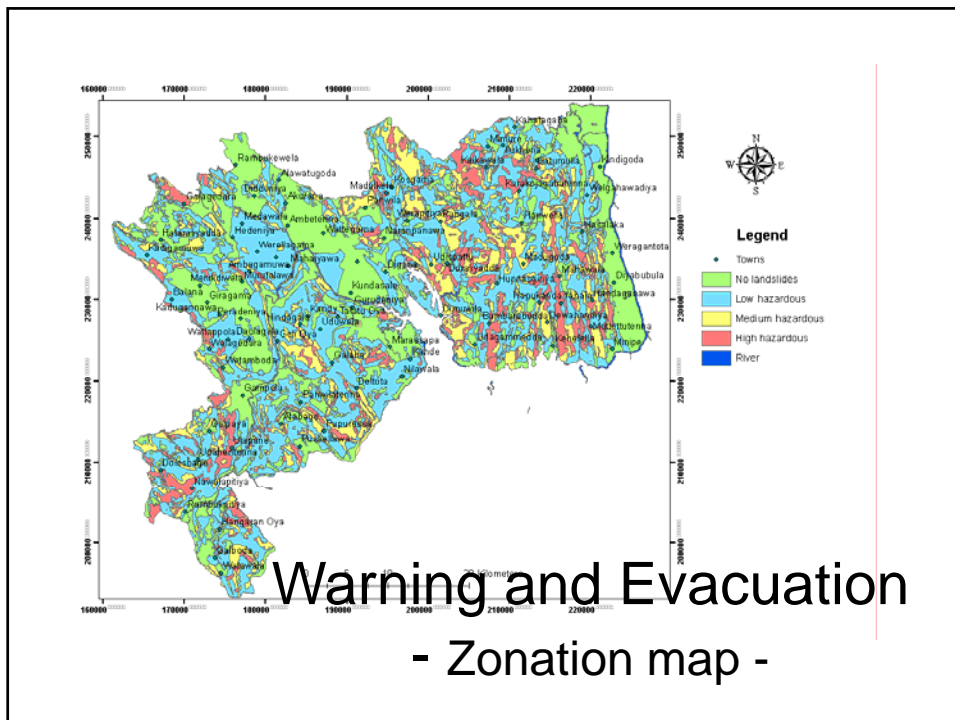


Slowly moving landslide

Various kind of slope movement occurred



Rock fall



DailyMirror Wednesday May 4, 2011

NBRO APPROVAL MUST FOR BUILDING CONSTRUCTIONS

Ten districts will be required to obtain approval

By KRISHAN JEEWAKA JAYARUK

ENDANGERED AREAS

Local authorities should call for the recommendation of the National Building Research Organization before granting approval

The building constructors in ten districts endangered with landslides will be required to obtain the approval of the National Building Research Organization (NBRO) for the construction of any building in the future.

Head of the Landslide Study and Services Section of the organisation R. M. S. Bandara told the media yesterday Ratnapura, Mahanuvara, Badulla, Nuwara Eliya, Kegalle, Kalutara, Galle, Matara, Matale, and

Hambantota district had been identified as districts with endangered areas. He said the local authorities should call for the recommendation of the National Building Research Organization before granting approval for any building application and that the relevant circular had already been issued. (Pic by Prasad Rukmal)

DISTRICTS PRONE TO LANDSLIDES

Matale, Kandy, Badulla, Kegalle, Nuwara-Eliya, Ratnapura, Kalutara, Galle, Matara, Hambantota

DM GraphicsDesk





CBDMA Hazard mapping in Rural Area



CBDMA Rain Gauge Monitoring



Involvement of Expert

- **Inappropriate Information**

➡ Jeopardize Life of People

➡ Decrease Community's Motivation

Analysis of Landslide

Importance of Involvement of Experts



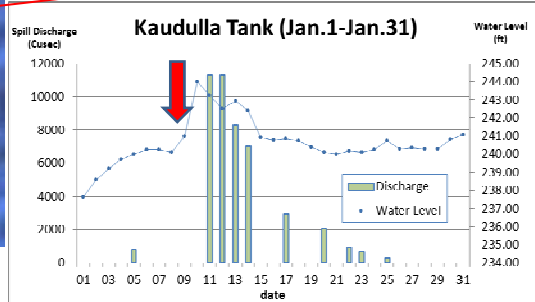
Discharge from Tank



Kaudulla Wewa



Location of Kaudulla Tank



Spill Discharge & Water Level

Discharge from Tank



END

Thank you