

BEST PRACTICES FOR KNOWLEDGE PORTAL ON URBAN RESILIENCE

Name of University: **Mizoram University (IUIINREG056)**

Thematic Area: **Disaster Risk Reduction (DRR)**

Sub- thematic area: **Community- based DRR strategies**

Title & Location: **Community Leaders' Trainings, Awareness through media & Geotechnical reports; Conducted in Mizoram, Northeast India**

Before situation: **State Government initiates training programme in district-wise**

Implemented measures:

1. **Organized Community Leaders' Training on Disaster Management at Samthang & Melbuk villages, Champhai District, Mizoram. These villages were one of the villages affected by 2020 Champhai earthquakes.**
2. **House- to- house surveys on disaster management at selected urban local councils: Risk and vulnerability assessment, damage and loss assessment of Cyclone Remal impacts, activities of community leaders during and after disaster events**
3. **Actively involved for geotechnical investigations to suggests mitigations measures of landslides in Mizoram**
4. **Faculty member was interviewed during and after disaster events, public talks in All India Radio and Local Cable Television programmes.**

Significant effect after implementation (expected in case of research):

1. **Prepared Village Disaster Management Plans and constituted Village Disaster Management Committee for both localities.**
2. **Structural mitigation measures were implemented under the SDMF and other sources based on geotechnical investigation reports and suggestions.**
3. **Knowledge on recent disaster events and awareness on disaster management.**

Financial details: **Community leaders' trainings funded by Mizoram University, while geotechnical investigations and field visits conducted by faculty with research scholars under self- finances.**

Other major details:

1. **Community Leaders' Training for Melbuk village with MZU PR link: 4th October 2024 (Friday);**
<https://www.facebook.com/share/p/Wp4EEvdSKLca9P7b/>
2. **Community Leaders' Training for Samthang village with MZU PR link: 13th October 2023 (Friday);**

https://m.facebook.com/story.php?story_fbid=782760133653763&id=100057593494031&mibextid=Nif5oz

3. Geotechnical investigations report for- Saikhamakawn Local Council, Republic Veng Local Council, Muallungthu village & Assam Rifles, Aizawl compound and in and around MZU campus landslides related to consequences of Cyclone Remal.
4. LiDAR scanning of vulnerable cultural heritage petroglyphs and monoliths of Champhai District, Mizoram.

PHOTO PLATE

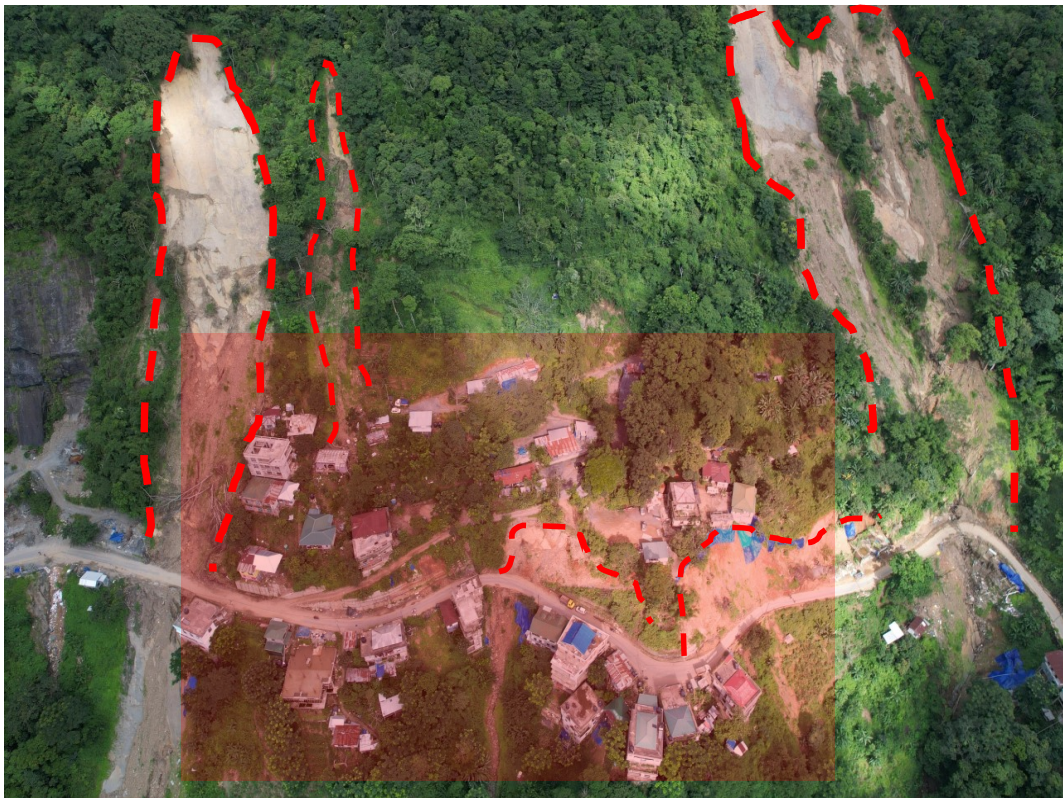


Fig. 1: Landslide vulnerability assessment based on UAV & field investigations



Fig. 2. Community Leaders' Training on DM at Samthang village, Champhai District



Fig. 3. Community Leaders' Training on DM at Melbuk village, Champhai District



Fig. 4. Landslides near Melbuk village after infrastructure works & heavy rainfalls



Fig. 5. 16 persons killed at Melthum landslide after Cyclone Remal; damage and loss assessment done by the Centre for Disaster Management, Mizoram University