

Preliminary Field Survey for Selection CLMTV Landslide Geohazard Pilot Project Area (Naypyitaw – Pinlaung – Loikaw – Taungoo Car Road)

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- The 5th CLMTV Working Group Meeting on the Cross-border Collaboration on Geology and Mineral Resources of Cambodia – Lao PDR – Myanmar – Thailand – Vietnam was held in Prachuap Khiri Khan Province, Thailand.
- The meeting agreed to collaborate on Landslide Geohazard Field in CLMTV countries from 2019 to 2021.
- The objectives are (1) to share knowledge of landslide geohazard; (2) to hold workshop and training by Thailand experts; (3) to select the pilot project area of landslide geohazard inside CLMTV countries; (4) to report the pilot project areas to CLMTV executive meeting in Changmai, Thailand on November 2020.
- Department of Geological Survey and Mineral Exploration (DGSE) carried out pilot project area selection field survey in August, 2019 along Naypyitaw – Pinlaung – Loikaw – Demoso – Taungoo car road.
- The first, Mesozoic age granite was found at Naypyitaw – Pinlaung car road. Then, Pebble sandstone, pebbly mudstone, greywacke, slate, quartzite, schist, phyllite and minor limestone from Mergui group (Carboniferous to Permian age) occurred along the road. Plateau limestone group (Permian to Triassic age) was exposed as karst morphology and Jurassic age sandstone, shale, conglomerate was found near Pinlaung area.
- Most of landslides are associated with mudstone, shale, greywacke, slate and phyllite from Mergui group. The main landslide area is 14 curve and landslides covered by plastics and retaining wall.
- Loikaw – Demoso – Taungoo car road is the same lithology and geological setting with Naypyitaw – Pinlaung car road. Most of lithology units are trending from North to South.
- Most of landslide occurs at Panpet kayan village, Kafu village and Tha Yu village of Loikaw – Demoso – Taungoo car road.

