

**Chengdu Forum on UN-GGIM
Global Map for Sustainable Development:
Development and Applications in Urban Hazard Mapping
Chengdu, China, 15 – 17 October 2013**

Session 5: Hazard and Risk Geospatial Information Requirements

Mr. Dominic SIU
Deputy Director, Survey and Mapping
Lands Department
Hong Kong, China

Slope Maintenance Responsibility Information System (SMRIS)

Abstract

Lands Department of HKSAR Government has developed a Slope Maintenance Responsibility Information System (SMRIS) for identification of maintenance responsibility of all 60,000 man-made slopes in Hong Kong. Determination of the maintenance responsibility in general relies on slope boundary, current land status and related land documents. In addition, the system also contains slope catalogue information concerning slope safety factor, type, size etc. compiled by Geotechnical Control Office (GEO). Information will be duly updated in SMRIS system and subsequently be made available on internet in both Chinese and English languages for the public and also on intranet for the government departments. The presentation will show how SMRIS facilitates maintenance of potentially dangerous slopes to minimize risk of landslide in urban area.