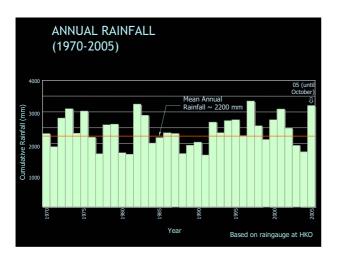
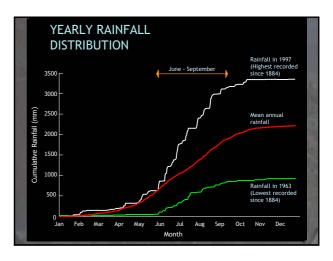
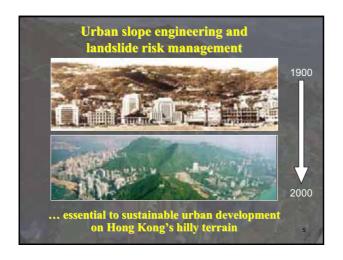


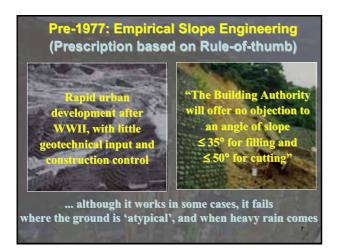
## Objective of this session: Slope safety in Hong Kong in early years Set up of the geotechnical control mechanism The Key Result Areas of the Hong Kong Slope Safety System Aesthetic treatment of slopes The landslip prevention programmes

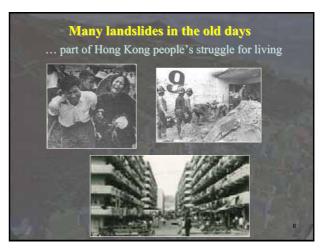








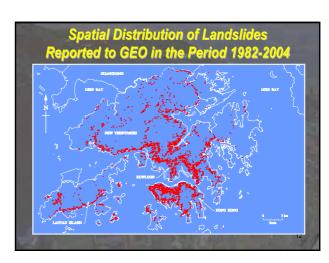


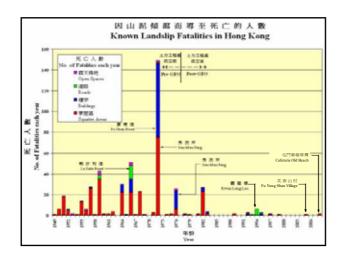


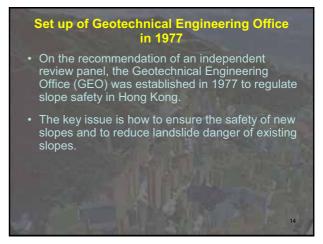




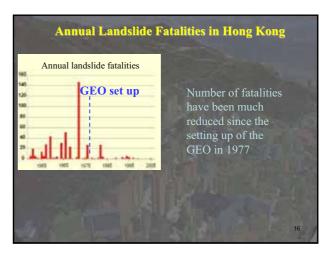


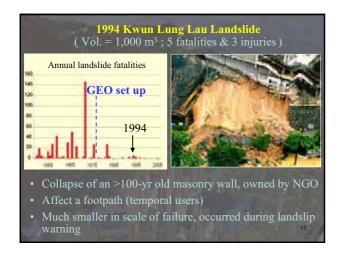










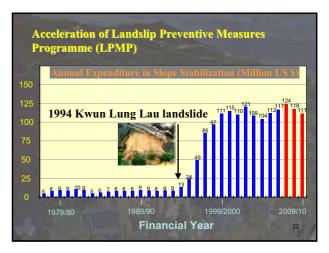




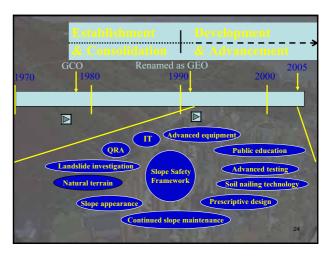


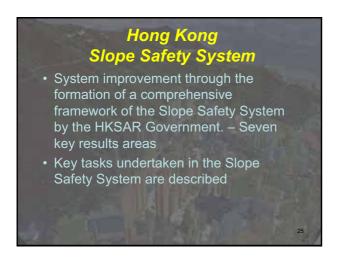


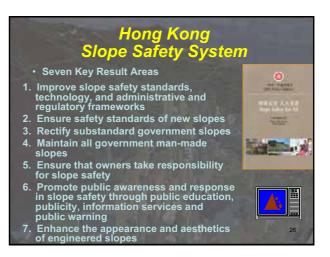






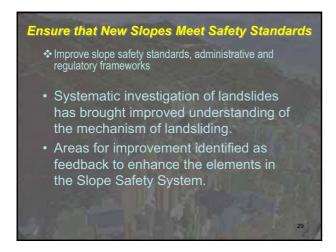




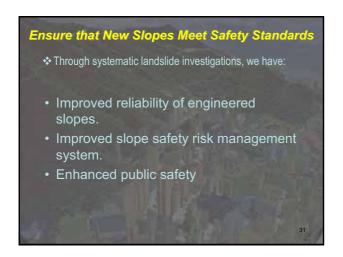






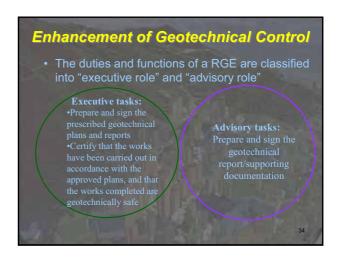


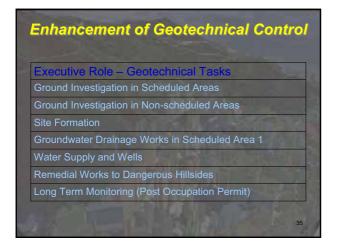


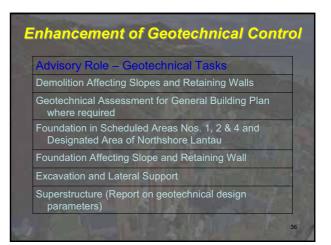




## Enhancement of Geotechnical Control The Buildings (Amendment) Ordinance 2004 establishes a register of geotechnical engineers and introduces the requirement for the appointment of a RGE for the geotechnical elements of building works The registration system has commenced operation since 31.12.2004 With effect from 31.12.2005, a RGE is required to be appointed for the geotechnical elements of building works



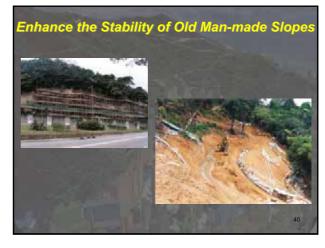


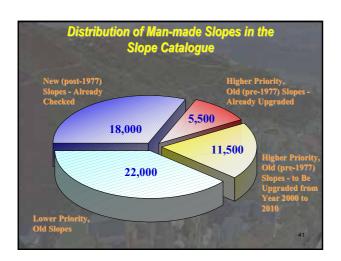






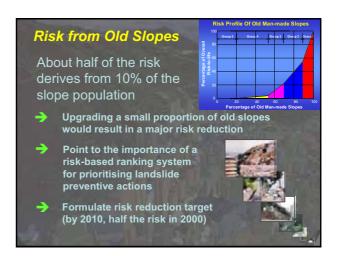












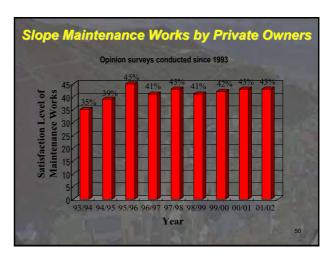


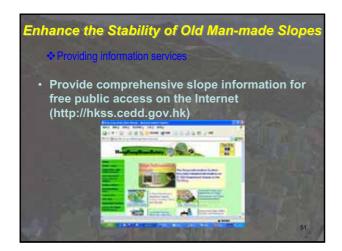


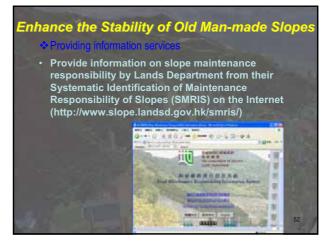






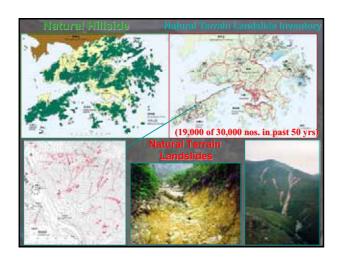




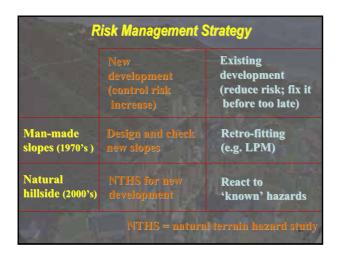










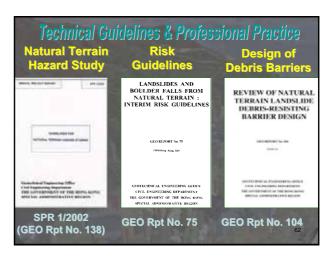






Approaches of NTHS (SPR 5/2000)		
Approach	Design Concept	Guidance
Factor of Safety (FOS)	Study stability of hillside and design any slope stabilization measures to meet the required FOS (prevent hillure)	Geotechnical Manual for Slopes
Quantitative Risk Assess- ment (QRA)	Assess risk to development site and determine any risk mitigation measures based on risk guidelines (control risk)	GEO Report No. 75
Design Event Approach (DEA)	Study landslide hazards and determine the design event and any mitigation measures (control risk)	SPR 1/2002 NTHS guidelines
(DEA)	measures (control risk)	guidennes

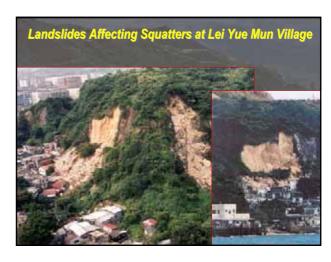




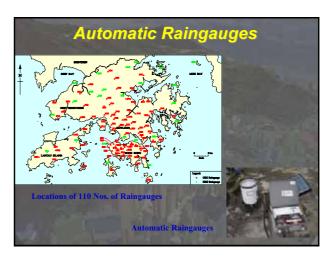


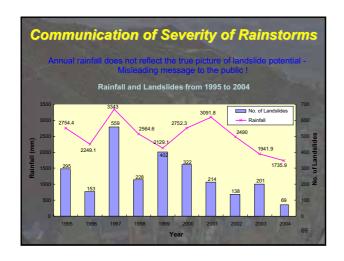




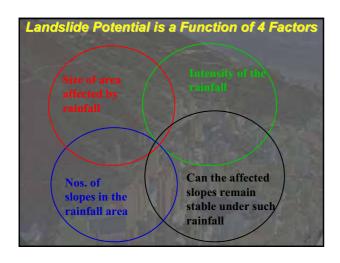


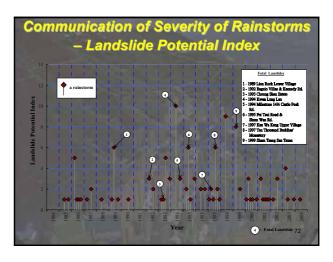










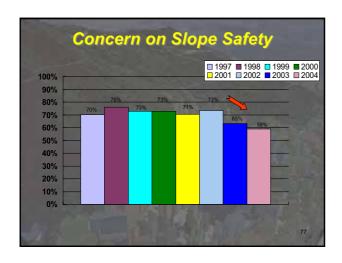




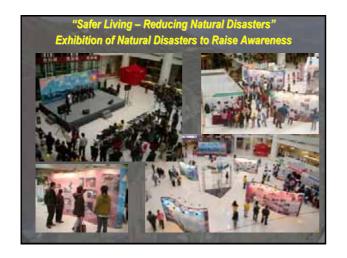




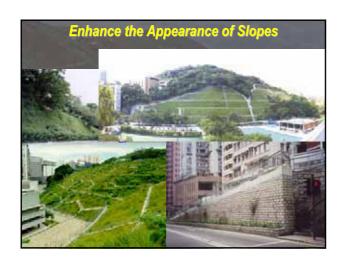


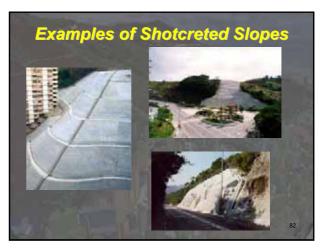




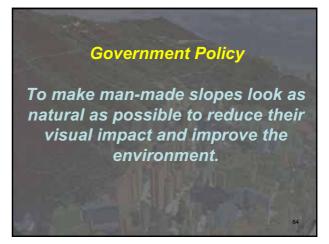


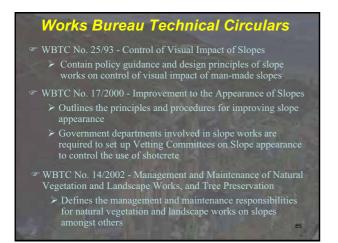






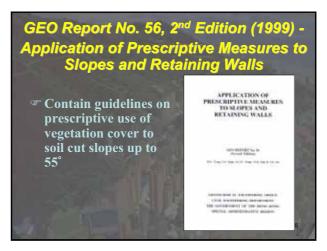




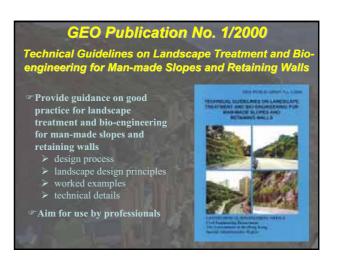








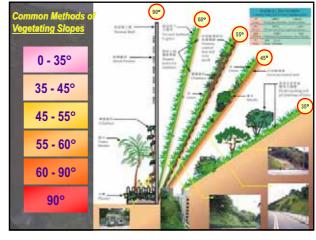


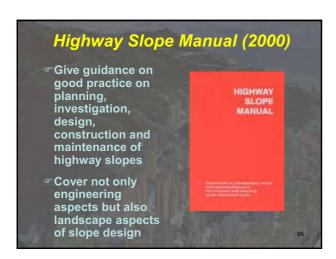


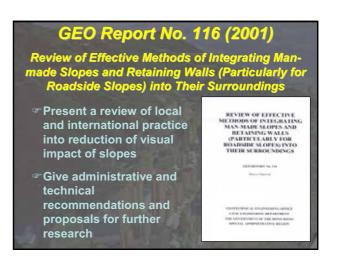


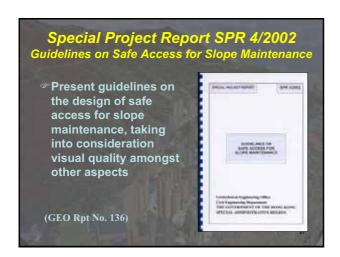












## Various New Planting Techniques Are Used for Greening Steep Slopes • Erosion control mat with steel wire mesh • Mulching • Grass in holes on shotcreted slope • Soil-filled panels • Fibrous soil • Planter-grillage system, etc.

