



E1STM021W

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STEAM Workshop (Level I)

Landslide Sci-Tech Chamber Guided Tour

Representatives from the Geotechnical Engineering Office,
Civil Engineering and Development Department



Application Deadline
14 Feb 2024 12:00 noon

Result Release
23 Feb 2024

Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. review the history of landslide in Hong Kong over the past century and the development of slope safety systems in Hong Kong;
2. explore the relationship between drainage systems, natural disasters and environmental safety;
3. raise awareness of the risks of extreme weather and natural disasters;
4. discuss the significance of art and creativity in the landscape of risk mitigation measures for slopes;
5. foster a stronger desire to pursue further studies in engineering and related disciplines.

◆ Introduction

“Po Shan Drainage Tunnel - Landslide Sci-Tech Chamber” is launched by The Geotechnical Engineering Office. The learning center features four galleries covering different themes, showcasing the history, precious photographs, and the development of safety systems related to landslides, etc.. The Drainage Tunnel Expression Gallery visualizes the innovations of the groundwater regulation system through “Augment Reality” application and demo operation of the sub-vertical drains. The geotechnical engineer will also share the interesting parts of their day-to-day work.

This guide tour is suitable for students interested in the field of geography, geology, engineering, environmental science, public construction, innovative technology, and related areas. It is also recommended for students to enroll in relevant STEAM Workshop (Level I): Bowen Road Slope Study Trail Guided Tour (E1STM020W). ([Click here](#) for more information)

◆ Schedule

Session	Date	Time	Venue
1	13 Apr	10:30 a.m. – 12:00 noon (Assemble at 9:40 a.m. to get on tour bus)	Po Shan Drainage Tunnel - Landslide Sci-Tech Chamber (Assembly and dismissal point: Airport Express Hong Kong Station Transport Interchange)

◆ Target Participants

- S1 – S6 HKAGE student members
- Class size: 25
- Student members would be selected randomly by the computer system. The decision of HKAGE on the result of the selection should be final.

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

Cantonese with Chinese handouts

◆ Certificate

E-Certificate will be awarded to participants who have:

- attended ALL sessions; AND
- completed all the assignments with satisfactory performance