



E1ENV005W

[\(Token- required\)](#)

[**Gifted Programme**]

Environmental Science Workshop (Level I)

Encounter with Rivers – Exploring River Ecosystems in Yuen Long Bypass Floodway

Instructors from the Green Power



**Application Deadline
4 Nov 2024 12:00 noon**

Intended Learning Outcomes

Upon completion of the gifted programme, gifted students should be able to:

1. illustrate flood prevention works in Yuen Long Bypass Floodway;
2. explain the relationship between prevention works and wetland eco-system;
3. enhance their interest in ecology and to foster positive attitudes and actions towards ecological conservation..

**Result Release
8 Nov 2024**

◆ Gifted Programme Introduction

Yuen Long Bypass Floodway is a 3.8 kilometres long drainage channel built at the south of Yuen Long Town. Different from the traditional river training works which increase the flow capacity of the rivers by straightening, widening and deepening the river channels, Yuen Long Bypass Floodway (YLBF) adopts the method of interception, intercepts 40% of the runoff in the Yuen Long Catchment, and then discharges the intercepted flow to the Deep Bay without passing through the Yuen Long Town, which reduces the flood risk of Yuen Long significantly.

In this workshop, student will gain a deeper understanding of river ecology and biodiversity in Hong Kong through observing elements of preservation of ecosystems in rivers incorporated into DSD's flood prevention works.

◆ Schedule

Session	Date	Time	Venue
1	7 Dec 2024 (Saturday)	2:30 p.m. – 4:30 p.m.	Yuen Long & Nam Sang Wai

*The assembly and dismissal place will be in Yuen Long MTR Station. HKAGE will arrange coach service for the tour.

◆ Suitable for

- S1 – S3 HKAGE student members in 2024/25 school year.
- 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

English with English handouts

◆ Certificate

E-Certificate will be awarded to participantss who have:

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