# Forest restoration and regeneration in Hong Kong

**Date: 15 November 2021**

**Time: 3:00 pm**

**Venue: KBSB 6N-11**



## About the speaker:

Law Ying Ki is an Mphil student from Dr. Jin Wu's lab. Her research focuses on the forest restoration and natural regeneration in Hong Kong. She has a broad interest in disturbance ecology and forest succession.



## Abstract:

Forest restoration has been a recent hot topic to re-habitat degraded areas and to mitigate climate change. Different restoration strategies have been evaluated in various habitats to achieve restoration success. However, direct seeding method has not been tested in disturbed areas like landslide. In my study, I proposed two restoration strategies - seed coating and species selection to improve seed germination in landslide scars. Apart from the method to restore the forest, understanding the forest recovery trajectories is also important to provide a concrete timeline for landscape mitigation actions. Meanwhile, by comparing the benefits between natural regrowth forests , plantations and restoration effort,  it provides management measures to maximized ecosystem services together with carbon storage for sustainability.