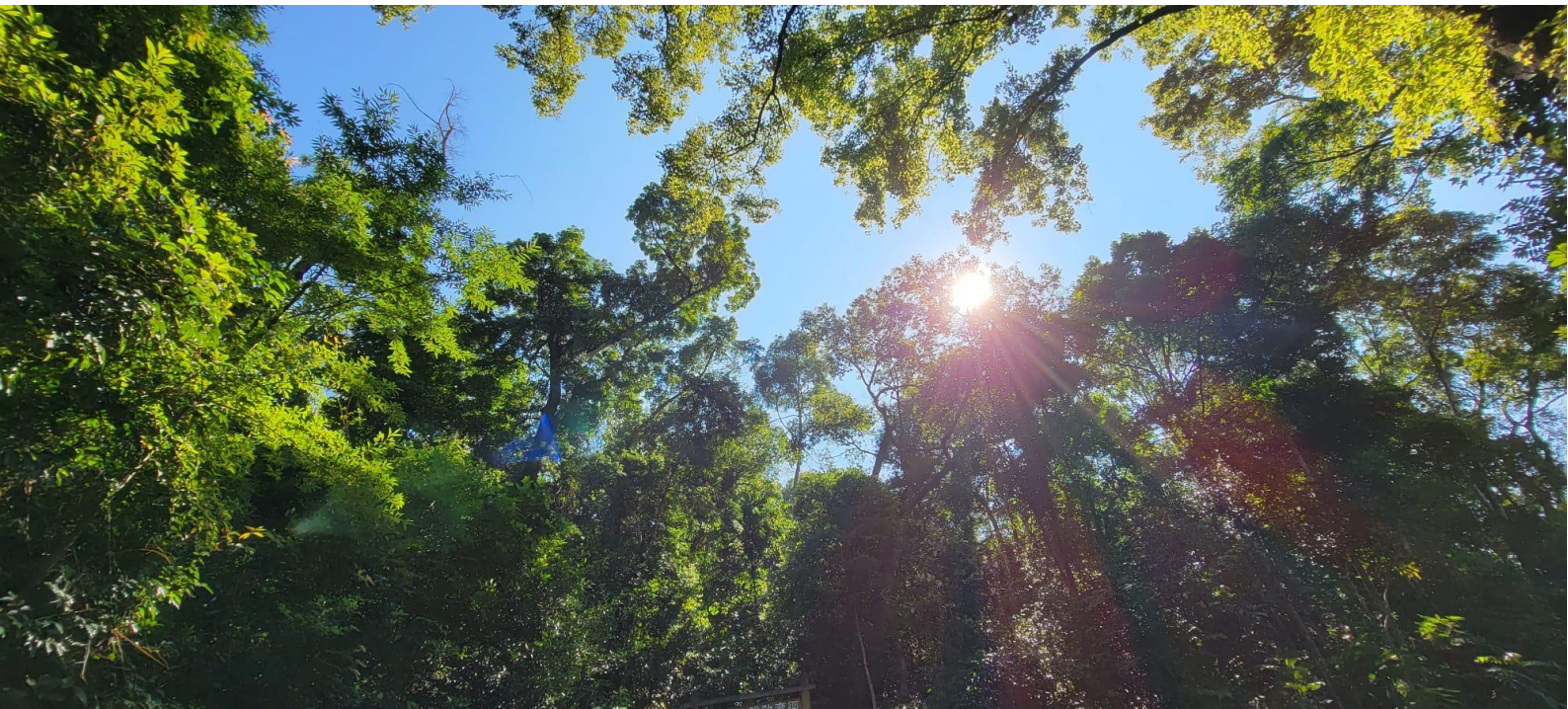


Manual on using Roundme to develop virtual field trip teaching materials in geography



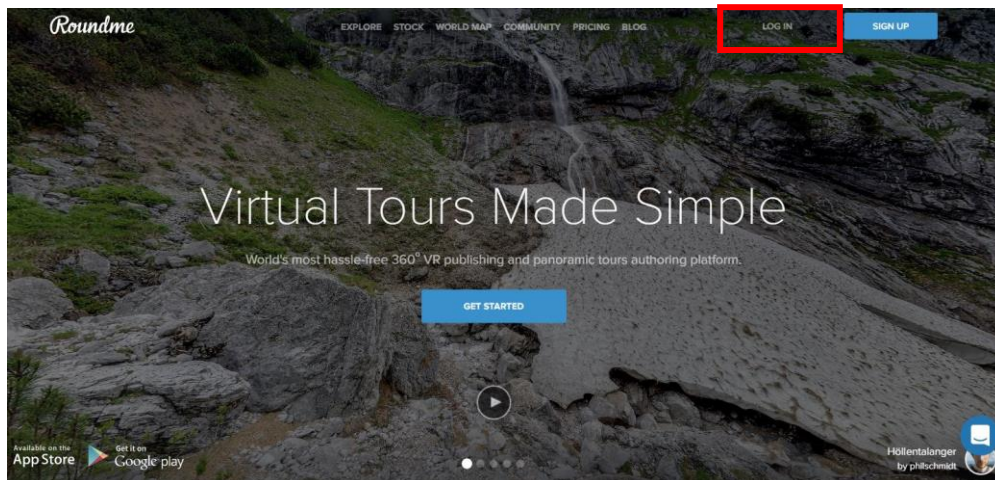
香港中文大學 學習科學與科技中心

Curriculum Development Institute, Education Bureau

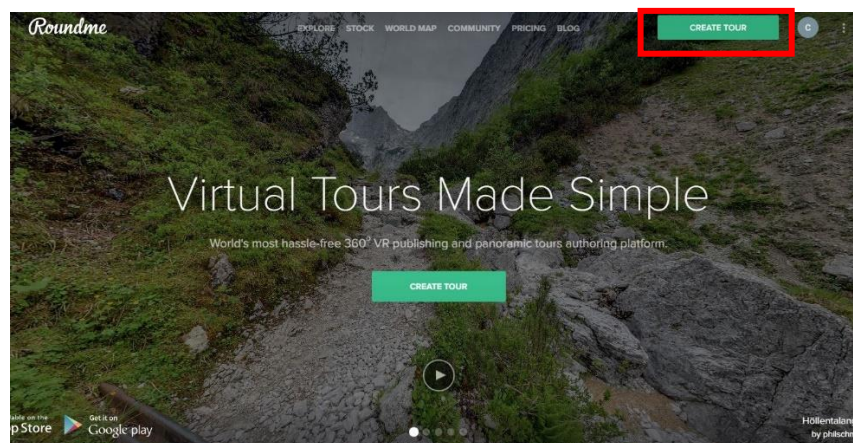
e-Learning in Geography Series (22):

Workshops on using information technology to develop geography virtual fieldwork materials on forests (Refreshed)

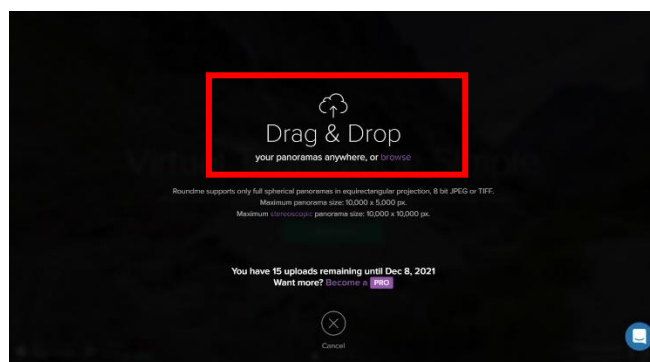
1. Enter Roundme Website <https://roundme.com/>
2. Login to Roundme



3. Click "Create Tour"



4. Drag and drop the 360 photo to the following page




5. Enter the information of the tour:


Tour Title: Tai Po Kau & vicinity VR Field Trip (Plants)

Tour Description: Field site 1a: Field site 1a : Plants in a north-facing slope (North-West) in Luk Shan (Tai Po Kau Nature Reserve – Road side)

The screenshot shows a tour creation interface. On the left, there is a 'Tour Cover' section with a photo of a forest. Below it is a 'Tour Location' section with a map of West Africa. At the bottom left, there is a 'Camera Info' section with a text field for the Panorama ID. On the right, there is a 'Tour Title' section with a text input field, a 'Tour description' section with a larger text input field, and a 'Settings' section with several checkboxes. At the bottom right, there is a green 'SAVE' button. Red boxes highlight the 'Tour Title' and 'Tour description' input fields, and the 'SAVE' button.

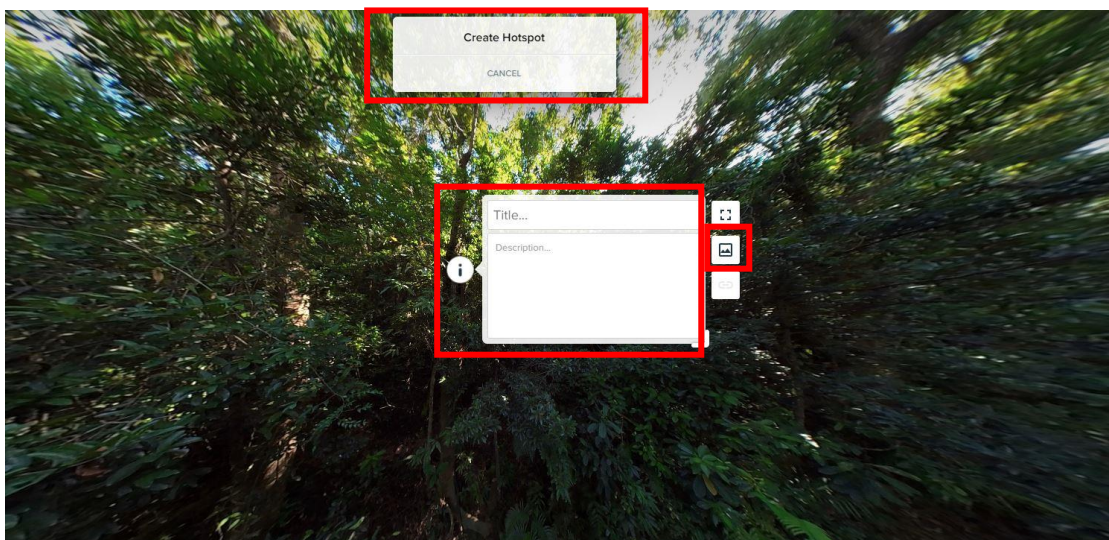
6. Start Editing

Pull  on the suitable position to insert the data.

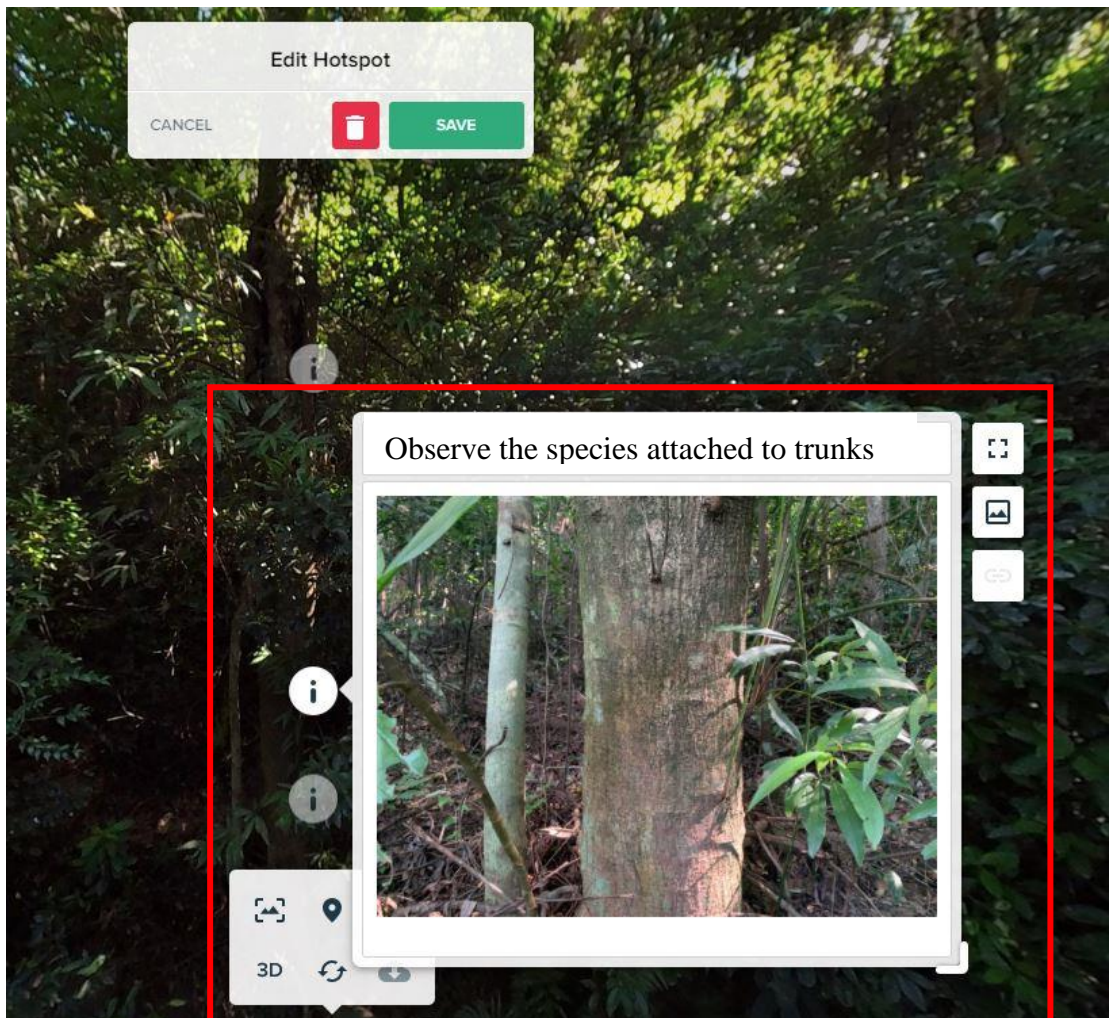
Enter the contact, press  to insert photo, and press Create.

Title: **【 Observe the species attach to trunks 】**

Description: Insert photo



7. If succeeded, it appears like below.



8. Repeat step 6—7 to input the data at Field site 1a.

Input the data below at Field site 1a: 【Crown width and shape】 , 【Observe the tree height (m)】 , 【Observe the species attached to trunks】 , 【Observe the circumference】 , 【Observe the plant shape】 , 【Observe the buttress roots】 , 【Observe the light intensity】 , 【Observe the particulate matter PM2.5】 , 【Observe the data (Wind speed, Temperature, Air pressure, Altitude, CO2)】 , 【Observe the data (Soil temperature, Soil moisture)】 , 【Observe the soil nitrates】 , 【Observe the soil calcium】 , 【Observe the soil electrical conductivity】 , 【Observe the soil pH value】

Field site 1a demonstration : <https://roundme.com/tour/778679/view/2454000>

9. Repeat step 3 – 7 to input the data at Field site 1b.

Field site 1b : Plants in a north-facing slope (North-West) in Luk Shan (Tai Po Kau Nature Reserve – Inside a woodland)

Input the data below at Field site 1b: 【Crown width and shape】 , 【Observe the Tree Height (m)】 , 【Observe the species attach to trunks】 , 【Observe the circumference】 , 【Observe the plant shape】 , 【Observe the buttress roots】 , 【Observe the light intensity】 , 【Observe the particulate matter PM2.5】 , 【Observe the data (Wind speed, Temperature, Air pressure, Altitude, CO2)】 , 【Observe the data (Soil temperature, soil moisture)】 , 【Observe the soil Nitrates】 , 【Observe the soil Calcium】 , 【Observe the soil electrical conductivity】 , 【Observe the soil pH value】



Field site 1b demonstration : <https://roundme.com/tour/787344/view/2483457>

10. Repeat step 3 – 7 and add the data at Field site 2.

Field site 2 : Plants in a south-facing slope (South-East) in Luk Shan (adjacent to Tai Po Kau Nature Reserve)

Suggestion of adding the below data at field site 2: 【Crown width and shape】 , 【Observe the Tree Height (m)】 , 【Observe the data (Wind speed, Temperature, Air pressure, Altitude, CO2)】 , 【Observe the plant shape】 , 【Observe the species attached to trunks】 , 【Observe the circumference】 , 【Observe the Soil】 , 【Observe the Light intensity】 , 【Observe the Particulate matter PM2.5】


Field site 2 demonstration : <https://roundme.com/tour/787330/view/2483428>

11. To share this teaching kit to students, click  and .



12. Choose Published and save

Tour Cover ?




Tour Title

大埔滘及其附近地區虛擬實地考察(植物)

Tour description

考察點1a：鹿山向北(西北)坡的植被 (大埔滘自然保護區 - 路邊)

Tour Location ?



Tour Categories

Add few keywords to improve the discoverability of your panorama

Select...

Settings

- Show previews ?
- Allow comments ?
- Share Camera info ?
- Unlisted ?

Camera Info ?

考察點1a：以鹿山向北(西北)坡的植被 (大埔滘自然保護區外)

Arashi Vision Insta360 ONE X2

Published

CLOSE

SAVE

13. Press to copy the website link and share it to the students

