

## Accessing the Project : Survey123 for ArcGIS Guideline

- Web Link
- Dedicated App

## Accessing the Project : Survey123 for ArcGIS Guideline

### Accessing via Web Link

- If you had shared the survey with web link or QR code, the survey will open in the web browser.
- Survey123 is currently supported on the following browsers:

λ Chrome

λ Firefox

λ Safari

λ Edge

λ Internet Explorer 11

## Accessing the Project : Survey123 for ArcGIS Guideline

### Accessing via Dedicated App

- The dedicated app provides an easy and convenient way for you or your students to **view** and **complete** the surveys assigned to them in a single app.
- The app can be downloaded at:  
<http://doc.arcgis.com/en/survey123/download/>
- Survey123 is currently available on the following platforms:
  - λ Windows 7 or later
  - λ Mac OS X 10.10 or later
  - λ Android 4.1 or later
  - λ iOS 8 or later
  - λ Windows Phone 10 or later
  - λ Ubuntu (Linux) 14.04 LTS (64 bit) or later

## Submitting the Project : Survey123 for ArcGIS Guideline

### Submitting the Survey via Dedicated App

- Doing the Survey with Web Browser
- Doing the Survey with Mobile Apps

## Submitting the Project : Survey123 for ArcGIS Guideline

### Doing the Survey with Web Browser

- Surveys made in the Survey123 with web link can have results submitted immediately through simply pressing the **Submit button**. There is no caching to send later.
- Reminder: Be aware that after sending a survey it cannot be edited. Make sure, before sending the survey, that all details are correct.

## Submitting the Project : Survey123 for ArcGIS Guideline

### Doing the Survey with Mobile Apps

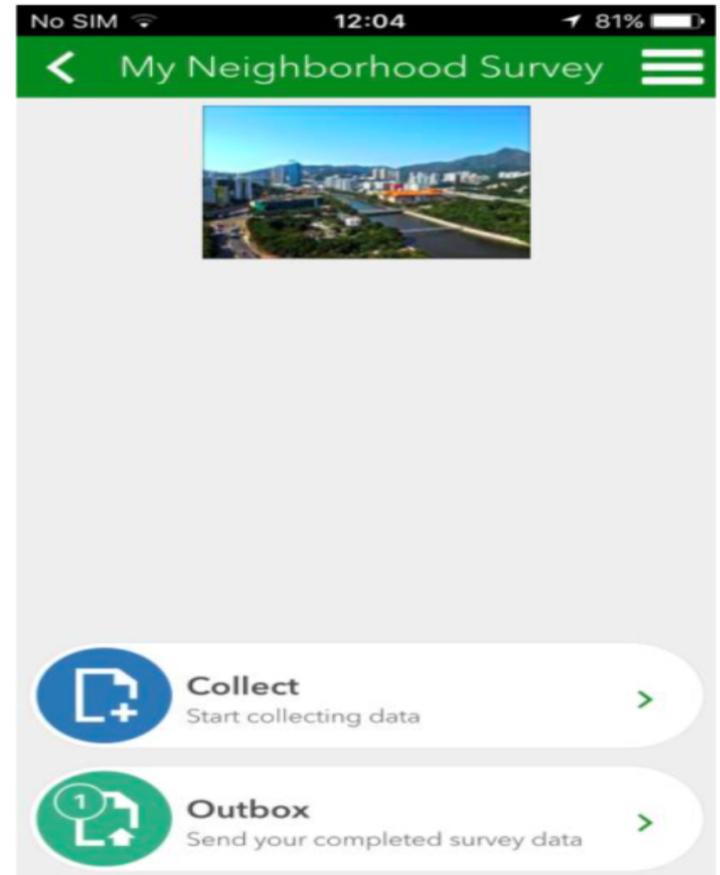
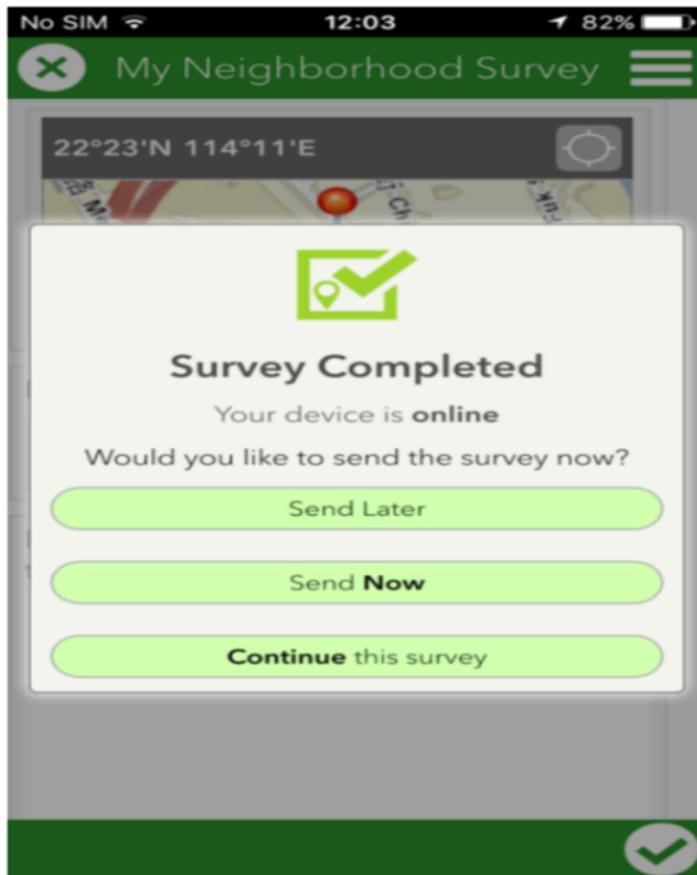
In using Survey123 app on mobile platform like iOS and Android, students can save a draft survey record on their phone, and continue work on it before submitting the record to ArcGIS Online.

Whenever user wish to upload or save the survey record, students can click the } icon at the bottom right corner.

- i. To upload your record, tab Send Now; to save your record, tab Send Later.
- ii. To upload continue your previously saved survey, tab the Outbox icon upon opening the survey.

# Submitting the Project : Survey123 for ArcGIS Guideline

## Doing the Survey with Mobile Apps



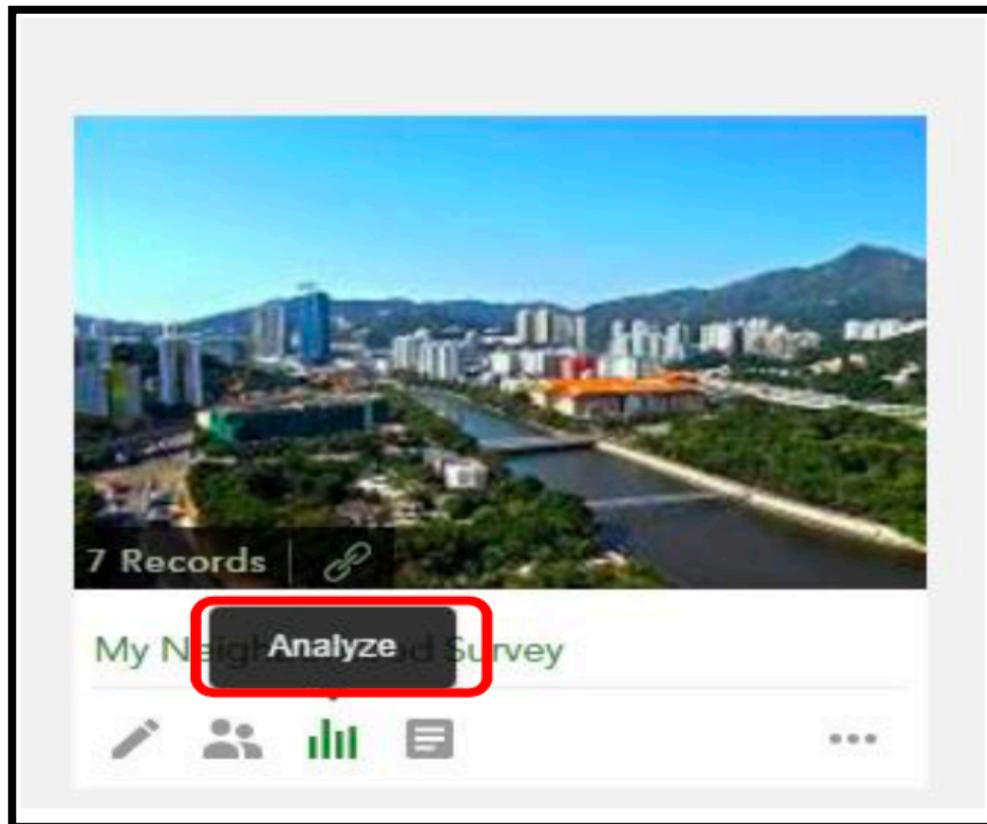
## Understanding Your Data

- Teachers and students can easily **see the result** for each question in the form of charts, tables or map (options will be varied depending on the type of questions) with the **Analyze function** of Survey123.
- Currently, this function is available on **web version** (survey123.arcgis.com) only.

## Understanding Your Data

### Teachers

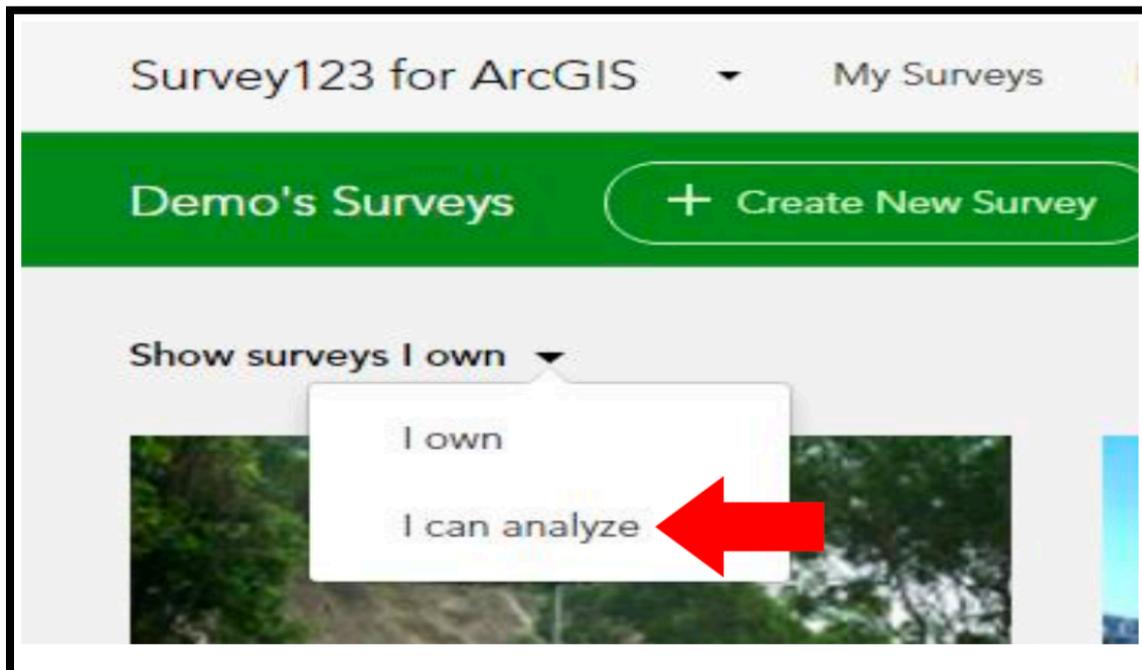
After click the **Analyze** button under the thumbnail of your survey to view the result.



## Understanding Your Data

### Student

- If the students wish to perform **analyze function to their own survey**, upon log-in to the account, they need to select Show surveys I can analyze in the top left corner of the main page of Survey123.
- Then click the thumbnail of your survey, then click **Analyze** on the top banner to view the result.



## Understanding Your Data

### Viewing Your Result for Each Questions

- Depending on your questions, Survey123 will present the data in **different form**.
- For example, in the question of “Type of Shop”, it had the option of showing **column chart, bar chart, pie chart or on a map**.
- You can choose these options on the banner for each question.\_

# Understanding Your Data

## Viewing Your Result for Each Questions



Column view of shop data. The chart shows counts for Restaurant (1), Clothing (1), Grocery (1), Vegetables (0), Meat (2), Electronics (0), and Other (2). A red box highlights the 'Column', 'Bar', 'Pie', and 'Map' view options, with 'Column' selected.

Answers	Count	Percentage
Restaurant	1	14.29%
Clothing	1	14.29%
Grocery	1	14.29%
Vegetables	0	0.00%
Meat	2	28.57%
Electronics	0	0.00%
Other	2	28.57%



Map view of shop data. The map shows the geographic distribution of shops. A red box highlights the 'Column', 'Bar', 'Pie', and 'Map' view options, with 'Map' selected.

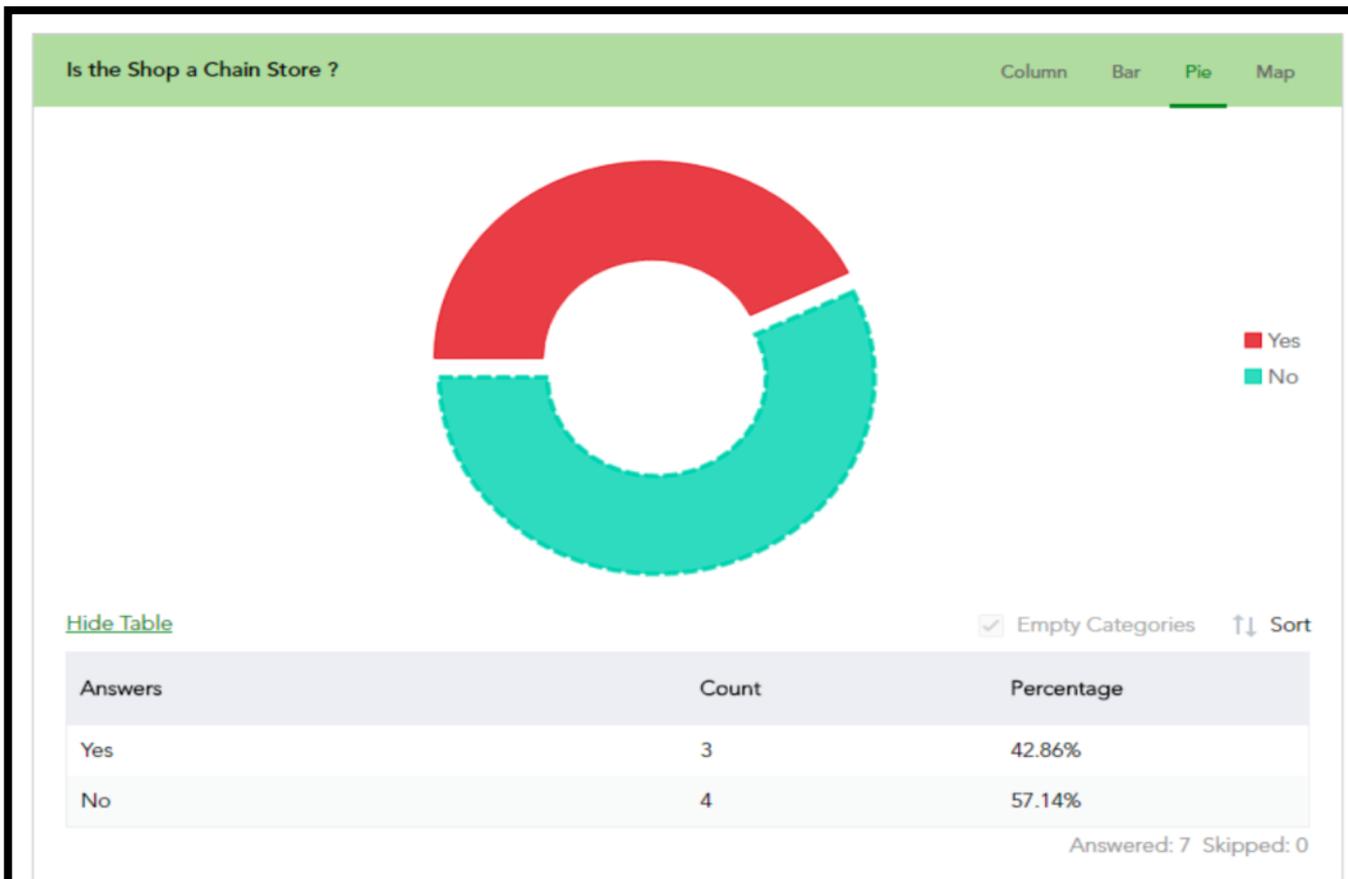
Answers	Count	Percentage
Restaurant	1	14.29%
Clothing	1	14.29%
Grocery	1	14.29%

Column view and map view of your data.



## Understanding Your Data

### Viewing Your Result for Each Questions



Pie chart view of your data.



## Understanding Your Data

### An Overview of Your Survey with a Map

- The **Data tab** contains ways to view all of your survey responses as raw data and mapping.
- This provides alternative methods to examine your results as well as **convert your data into additional formats** for use by other applications.
- The Data page displays your data through a table and map with all results. The map automatically zooms to a level displaying as many of your results as possible.

## Understanding Your Data

### An Overview of Your Survey with a Map

- The Data page displays your data through **a table** and map with all results.
- The map **automatically zooms** to a level displaying as many of your results as possible.

My Neighborhood Survey

Overview Design Collaborate Analyze **Data**



surveyPoint (7 features, 0 selected)

Options

Date of Survey	Name	Type of Shop	Other - Type of Shop	Is the Shop a Chain Store ?	Country of Origin of the Chain Store	Please Provide a Brief Description of the Shop
Feb 16, 2017	McDonald's	Restaurant		Yes	USA	Opening 24 hours
Feb 16, 2017	Park n Shop	Grocery		Yes	Hong Kong	The shop been opened for 10+ years
Feb 16, 2017	ABC Clothing	Clothing		No		
Feb 16, 2017	Tai Wai Pharmacy	Other	Pharmacy	No		The shop is newly opened
Feb 16, 2017	Hang Seng Bank	Other	Bank	Yes	Hong Kong	Newly renovated
Feb 16, 2017	Fai Kei	Meat		No		Open on morning only
Feb 16, 2017	Keung Kei	Meat		No		Only open in morning

Open in ArcGIS Map Viewer

Expand Table

Show Individual Response

CSV

Download

02/16/2017 - 02/16/2017

## Understanding Your Data

### An Overview of Your Survey with a Map

- Click an entry in the table to focus on its point on the map, and open an Individual Response section, detailing the single response as much as possible.
- You can also do the same in reverse, clicking a map point to highlight an individual entry in the table and in the Individual Response section.
- This is a quick way to see all answers for a specific entry. From the **Individual Response** section you can also choose to **Print Current Response**

My Neighborhood Survey

Overview Design Collaborate Analyze Data



surveyPoint (7 features, 1 selected) Options

Date of Survey	Name	Type of Shop
Feb 16,2017	McDonald's	Restaurant
Feb 16,2017	Park n Shop	Grocery
Feb 16,2017	ABC Clothing	Clothing
Feb 16,2017	Tai Wai Pharmacy	Other
Feb 16,2017	Hang Seng Bank	Other
Feb 16,2017	Fai Kei	Meat

Individual Response

Date of Survey  
Feb 16,2017

Name  
McDonald's

Type of Shop  
Restaurant

Is the Shop a Chain Store ?  
Yes

Submitted By:  
sslam\_agolhk

Submitted Time:  
02/16/2017 12:07:46

Print Current Response

Open in ArcGIS Map Viewer

Expand Table

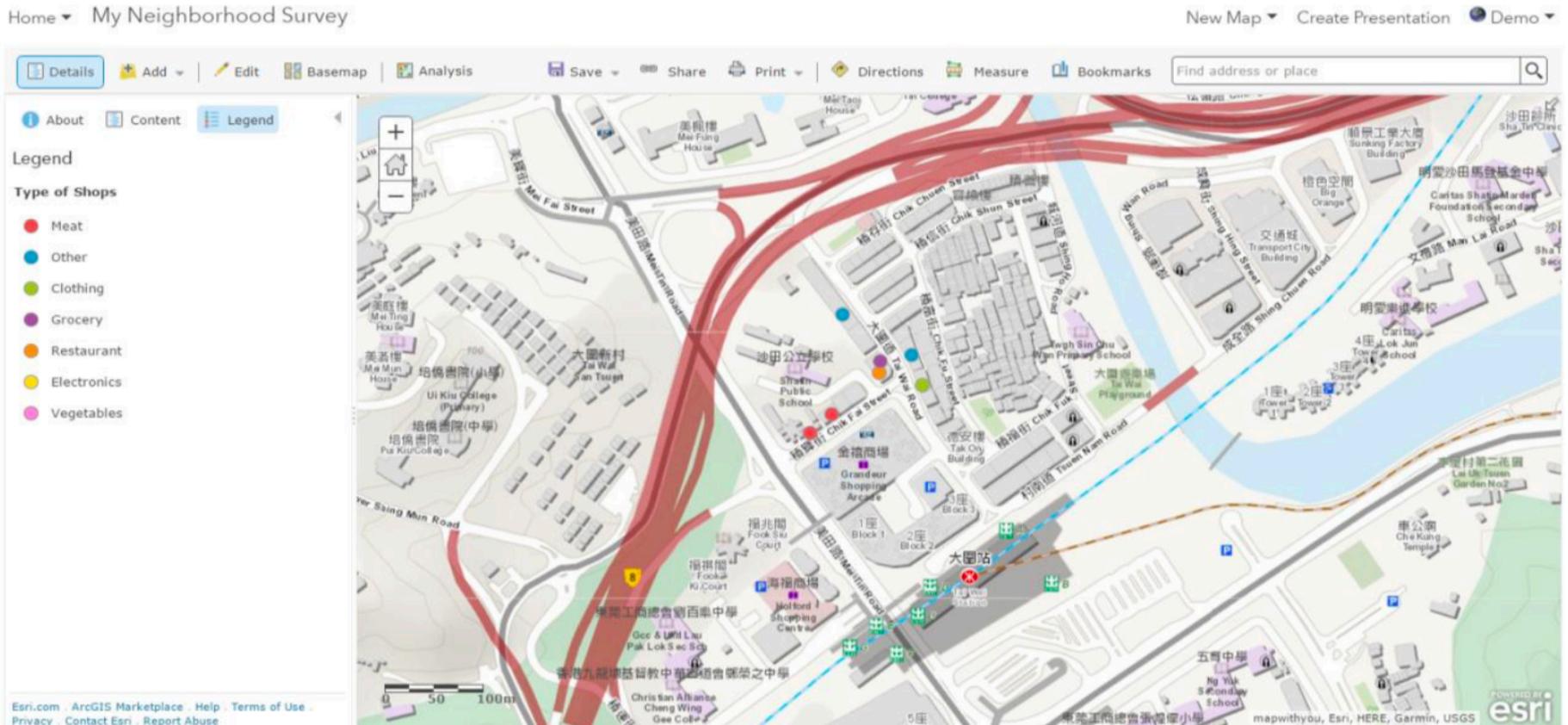
Show Individual Response

CSV

Download

02/16/2017 - 02/16/2017

# Understanding Your Data



# Task 3: How to create a Story Maps on ArcGIS online

[Story Maps](#) ▾ [Apps](#) [Gallery](#) [Resources](#) [Blog](#) [My Stories](#)

[English](#) ▾

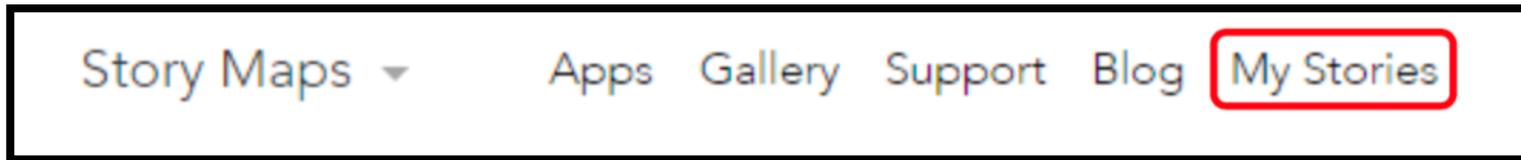


## Story Maps

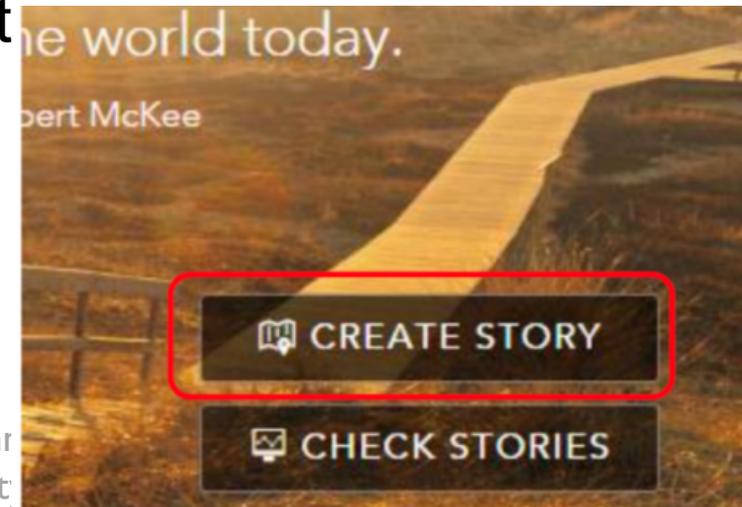
Everyone has a story to tell.  
Harness the power of maps to tell yours.

# How to create a Story Maps on ArcGIS online

1. Go to <https://storymaps.arcgis.com/en>
2. Login with your ArcGIS account
3. On the menu at the top, Click **My Stories**

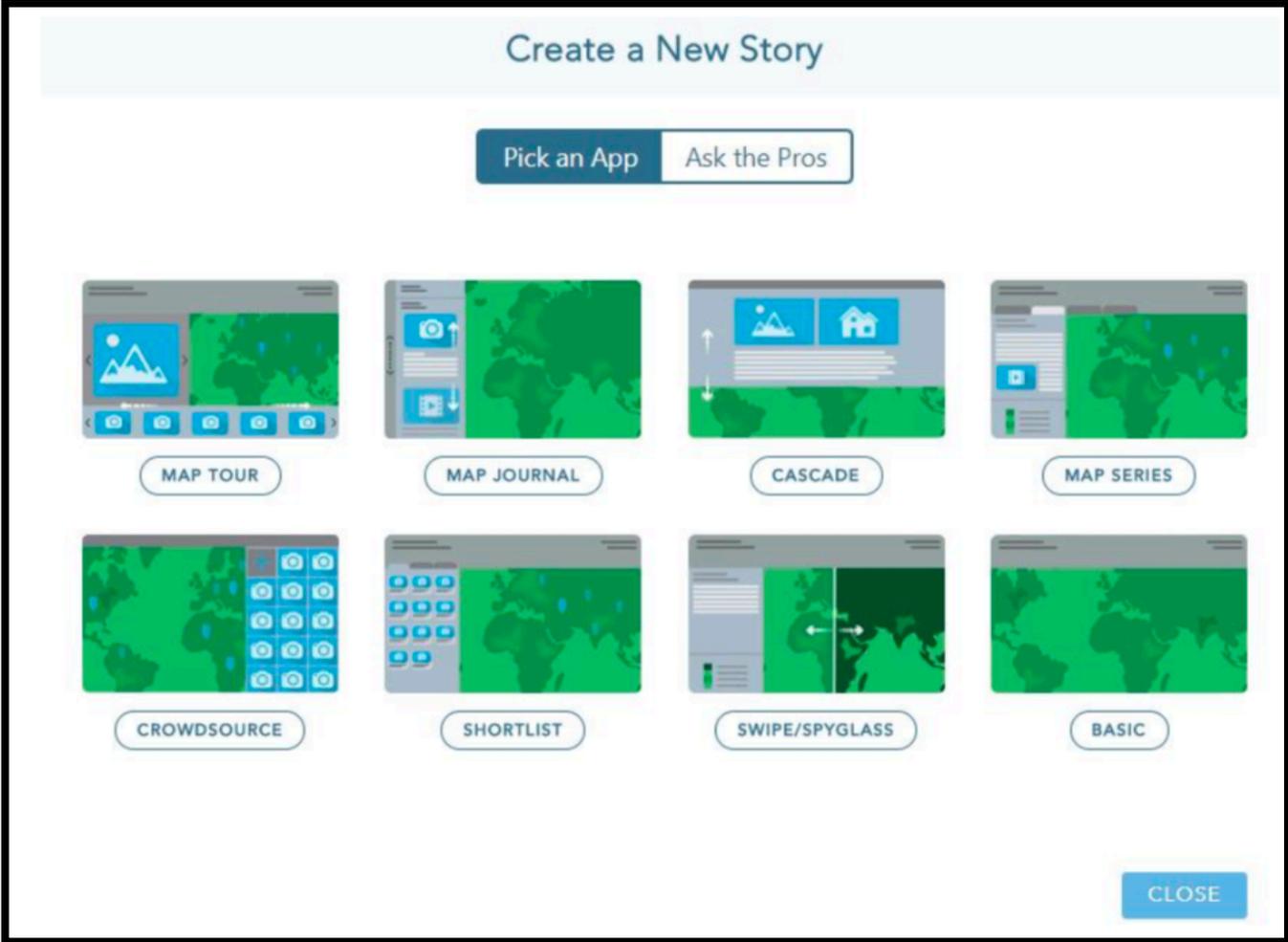


4. Click **CREATE STORY** on the right



# How to create a Story Maps on ArcGIS online

5. Choose an App to **create a new story**



Create a New Story

Pick an App Ask the Pros

MAP TOUR MAP JOURNAL CASCADE MAP SERIES

CROWDSOURCE SHORTLIST SWIPE/SPYGLASS BASIC

CLOSE



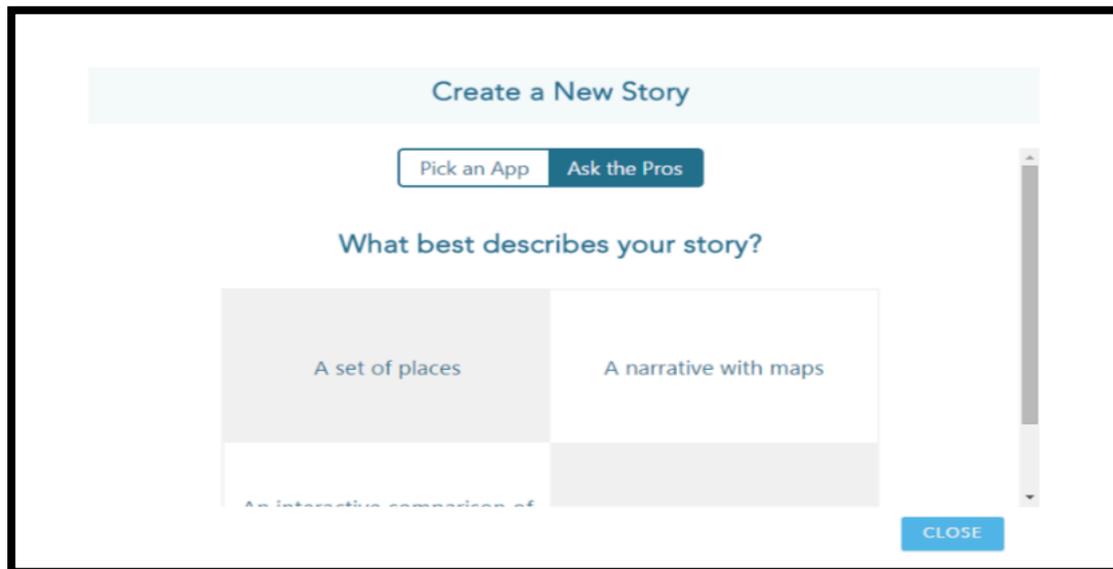
## How to create a Story Maps on ArcGIS online

There are **eight types** of App can be used in Story Maps

- Story Map Tour
- Story Map Journal
- Story Map Cascade
- Story Map Series
- Story Map Crowdsourcing
- Story Map Shortlist
- Story Map Swipe / Story Map Spyglass
- Story Map Basic

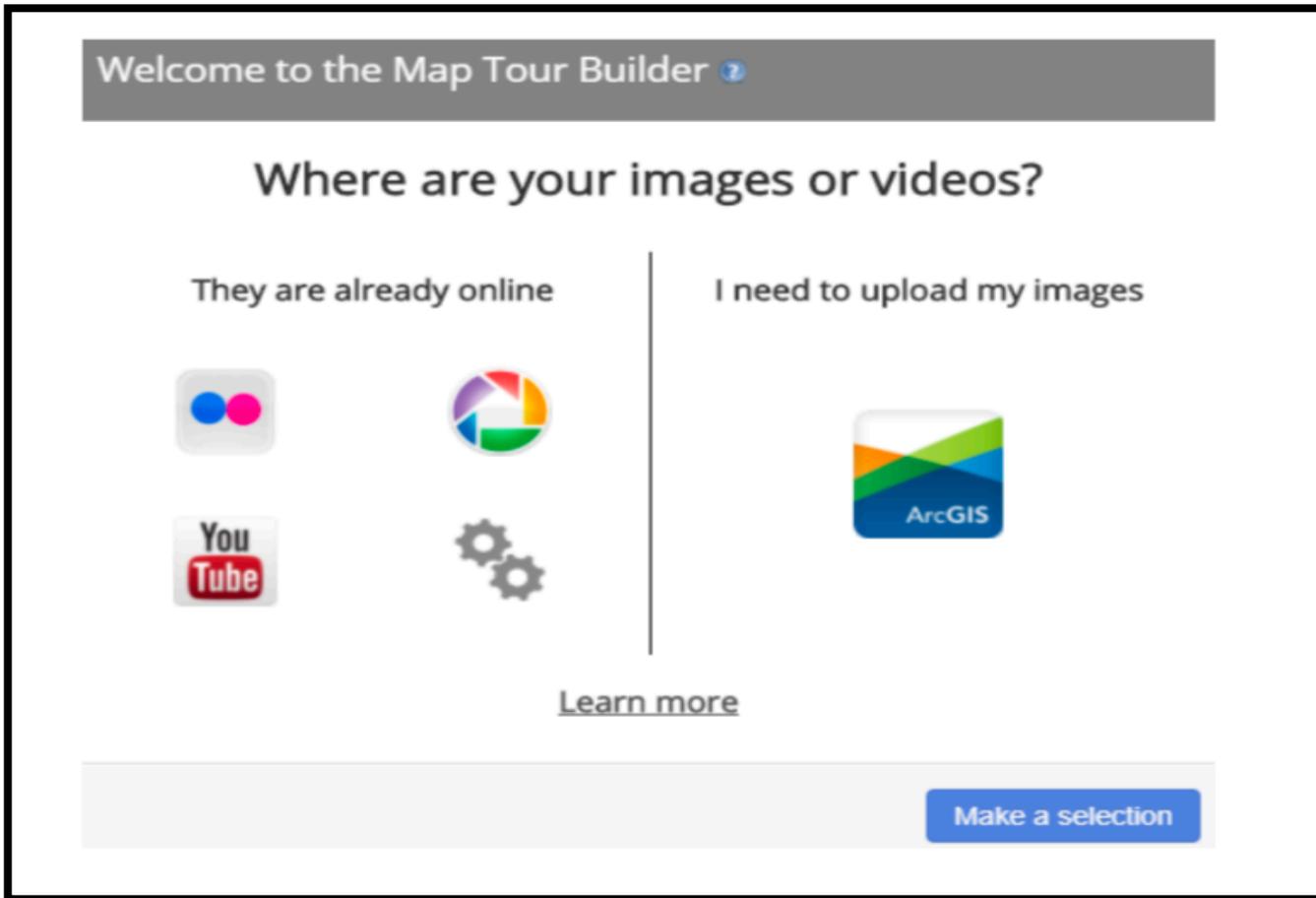
# How to create a Story Maps on ArcGIS online

- When mouse hovering on different Apps, a short description of the App will be appeared.
- If you are not sure which App will suit your requirement, you can click **Ask the Pros**
- A series of question will be asked. The questions will help you to select the best App for your story maps.



## How to create a Story Maps on ArcGIS online

6. You can choose the use **image or videos** from various online resources or uploaded own images.



Welcome to the Map Tour Builder [?](#)

Where are your images or videos?

They are already online

I need to upload my images





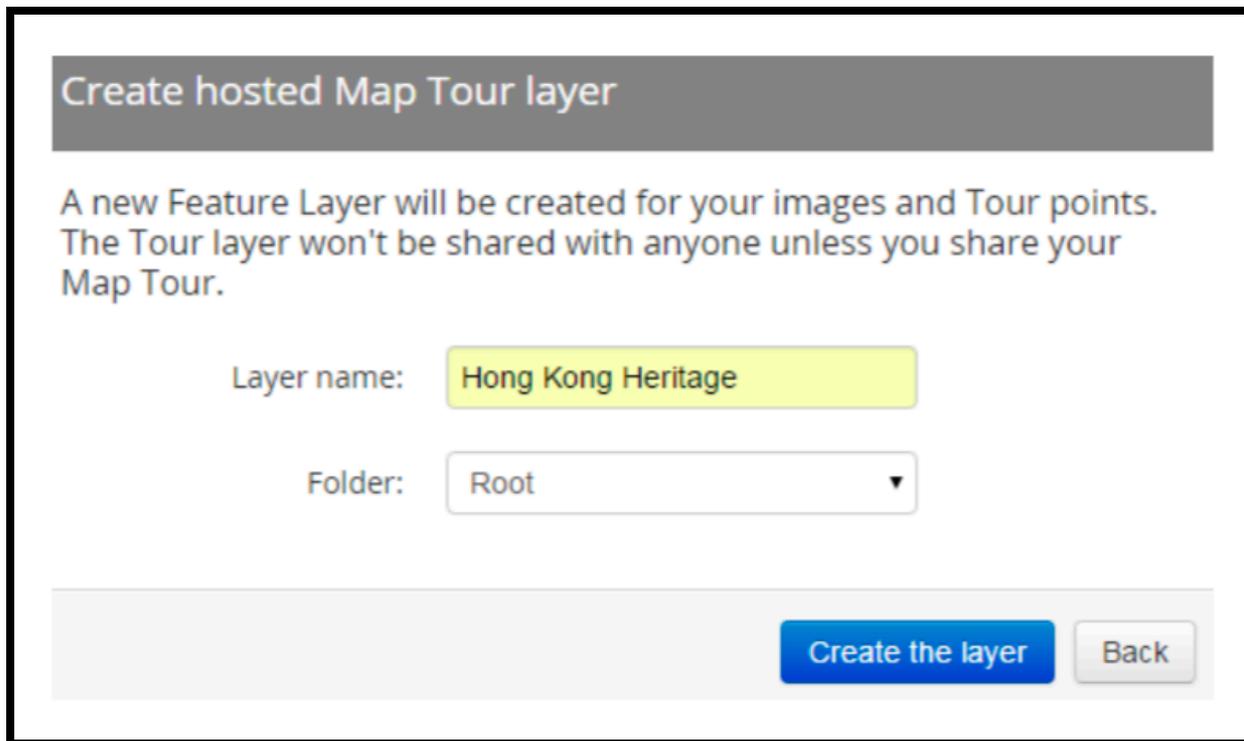
[Learn more](#)

[Make a selection](#)



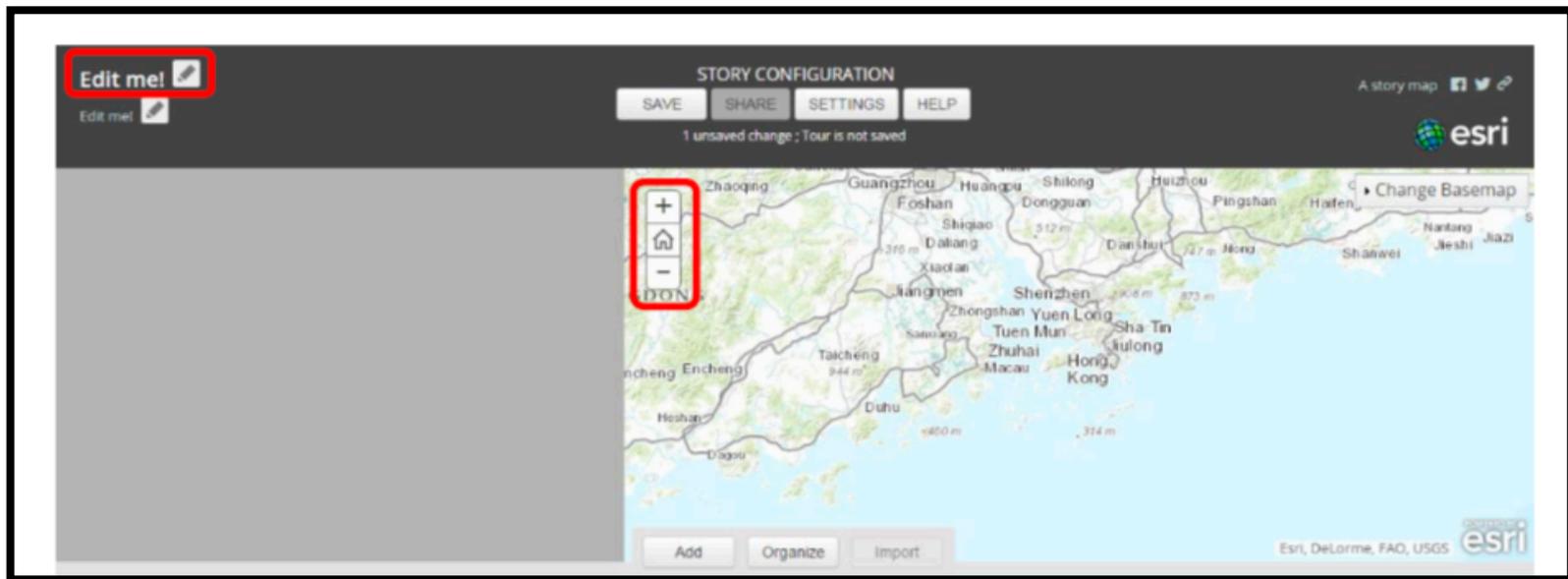
## How to create a Story Maps on ArcGIS online

7. Enter a layer for images and tour points. All of your uploaded images will be stored in this feature layer.
8. After entering the layer name, click **Create the layer**.

A screenshot of the ArcGIS online interface for creating a hosted Map Tour layer. The interface is titled "Create hosted Map Tour layer" in a grey header. Below the header, there is a paragraph of text: "A new Feature Layer will be created for your images and Tour points. The Tour layer won't be shared with anyone unless you share your Map Tour." Below this text, there are two input fields: "Layer name:" with a text box containing "Hong Kong Heritage" and "Folder:" with a dropdown menu showing "Root". At the bottom right of the form, there are two buttons: "Create the layer" (a blue button) and "Back" (a grey button).

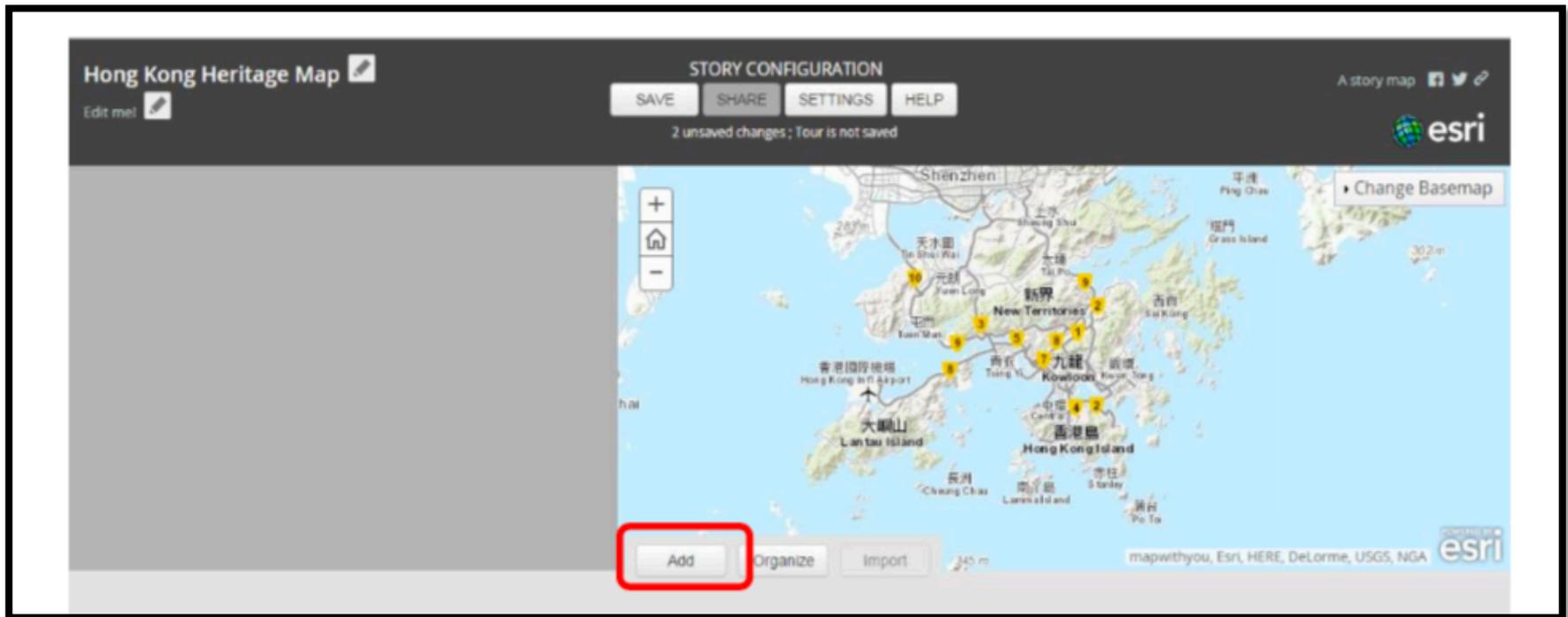
## How to create a Story Maps on ArcGIS online

9. The main interface for Story Maps will appear. Click **Edit me!** To edit the title of Story Map. The map extent for story maps can be adjusted **by + or – sign** on the map.



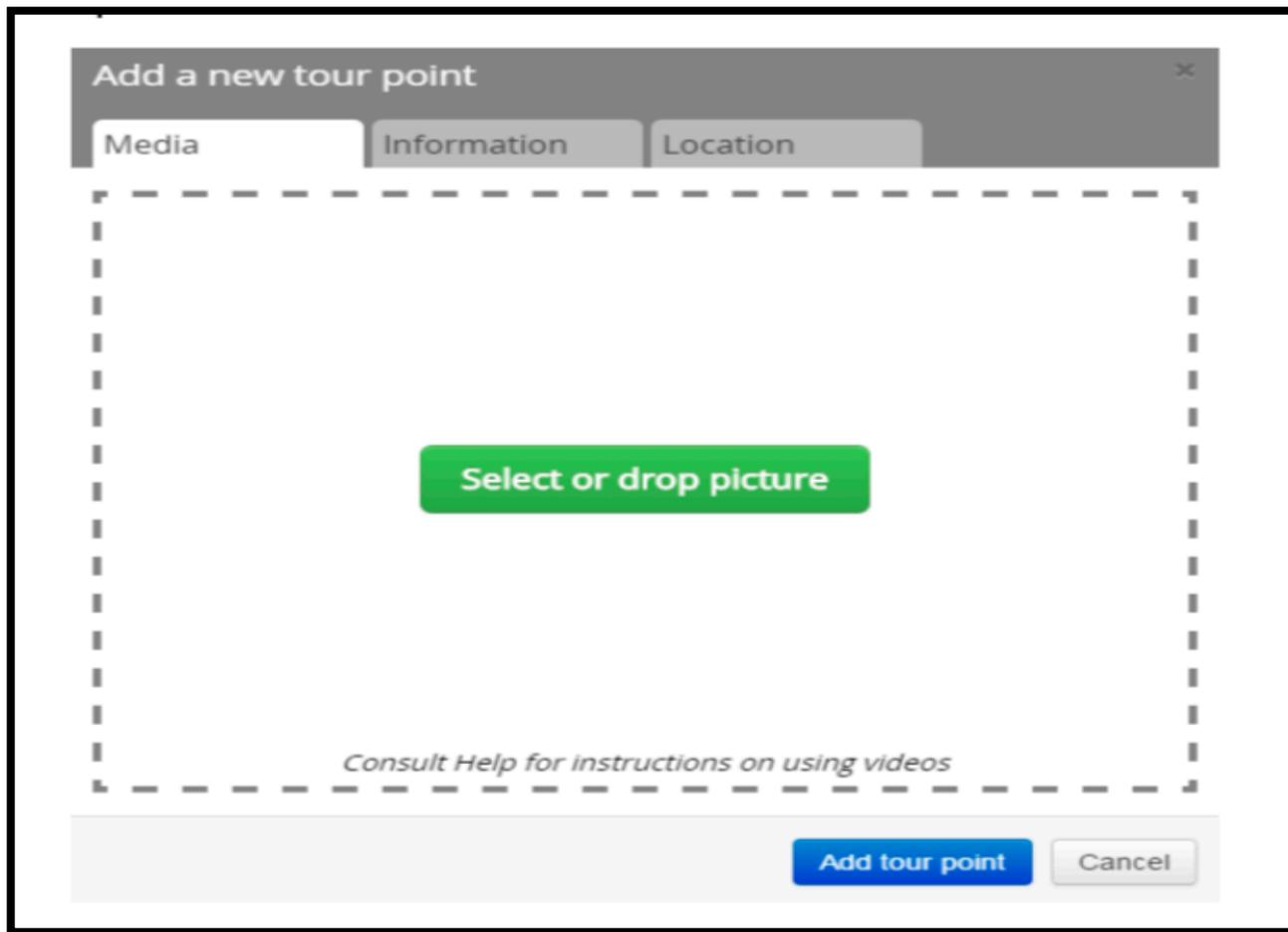
# How to create a Story Maps on ArcGIS online

10. Click **Add**



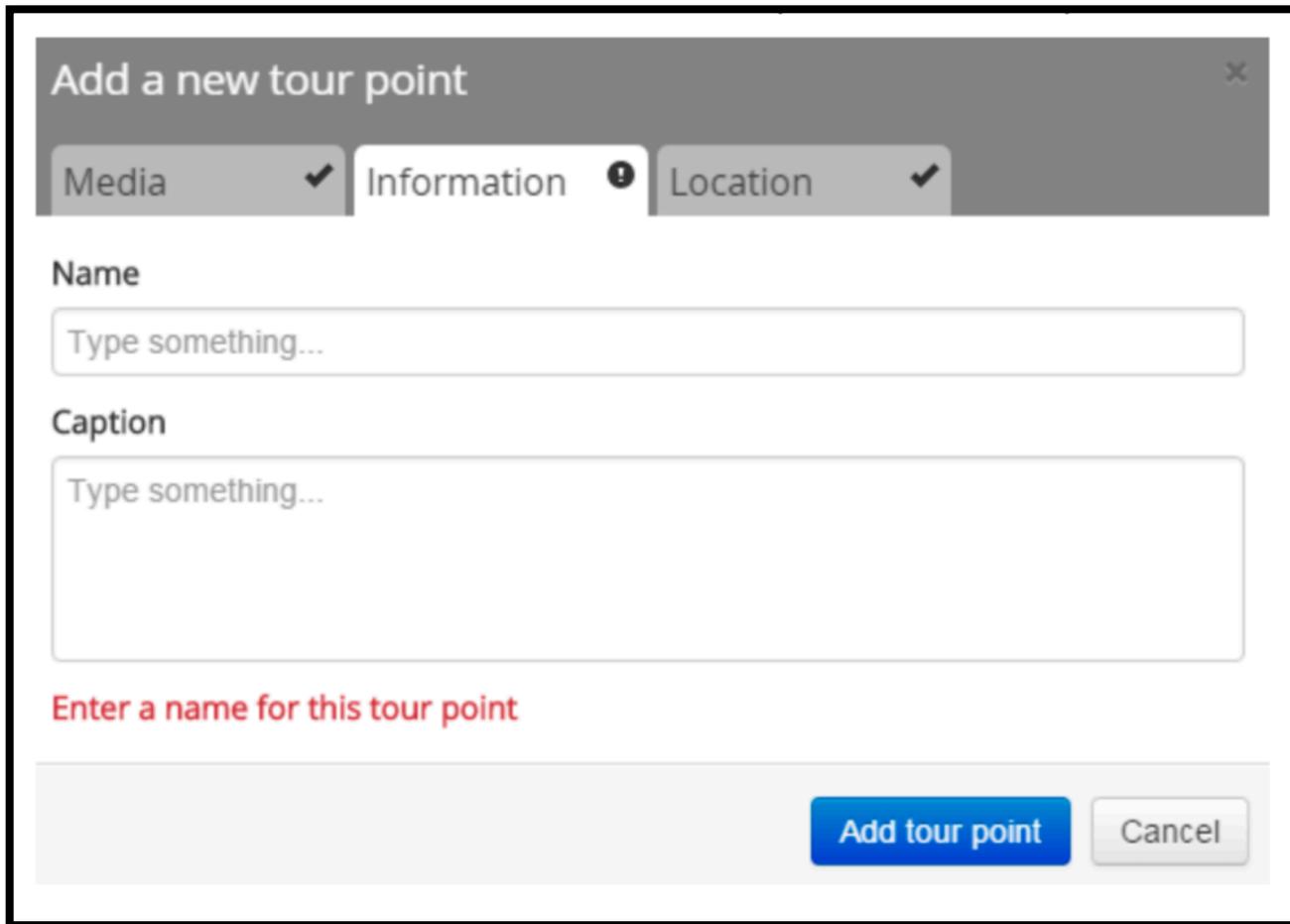
## How to create a Story Maps on ArcGIS online

11. On the **Media tab**, click **Select or Drop picture** to upload your images to the tour point.



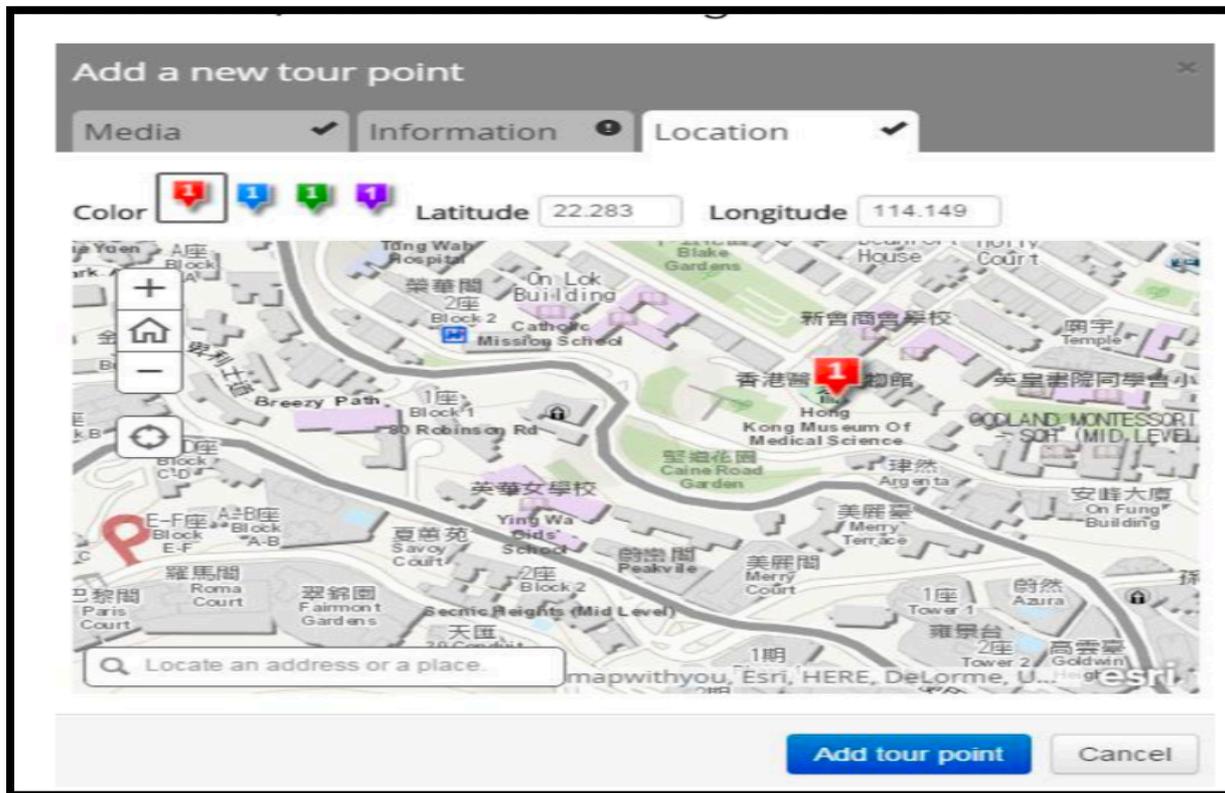
## How to create a Story Maps on ArcGIS online

12. On the **information tab**, enter **name** and **caption** for the tour point.

A screenshot of the "Add a new tour point" dialog box in ArcGIS Online. The dialog has a title bar with a close button (X). Below the title bar are three tabs: "Media" (checked), "Information" (selected, with an information icon), and "Location" (checked). Under the "Information" tab, there are two text input fields. The first is labeled "Name" and contains the placeholder text "Type something...". The second is labeled "Caption" and also contains the placeholder text "Type something...". Below the input fields is a red text prompt: "Enter a name for this tour point". At the bottom right of the dialog are two buttons: a blue "Add tour point" button and a grey "Cancel" button.

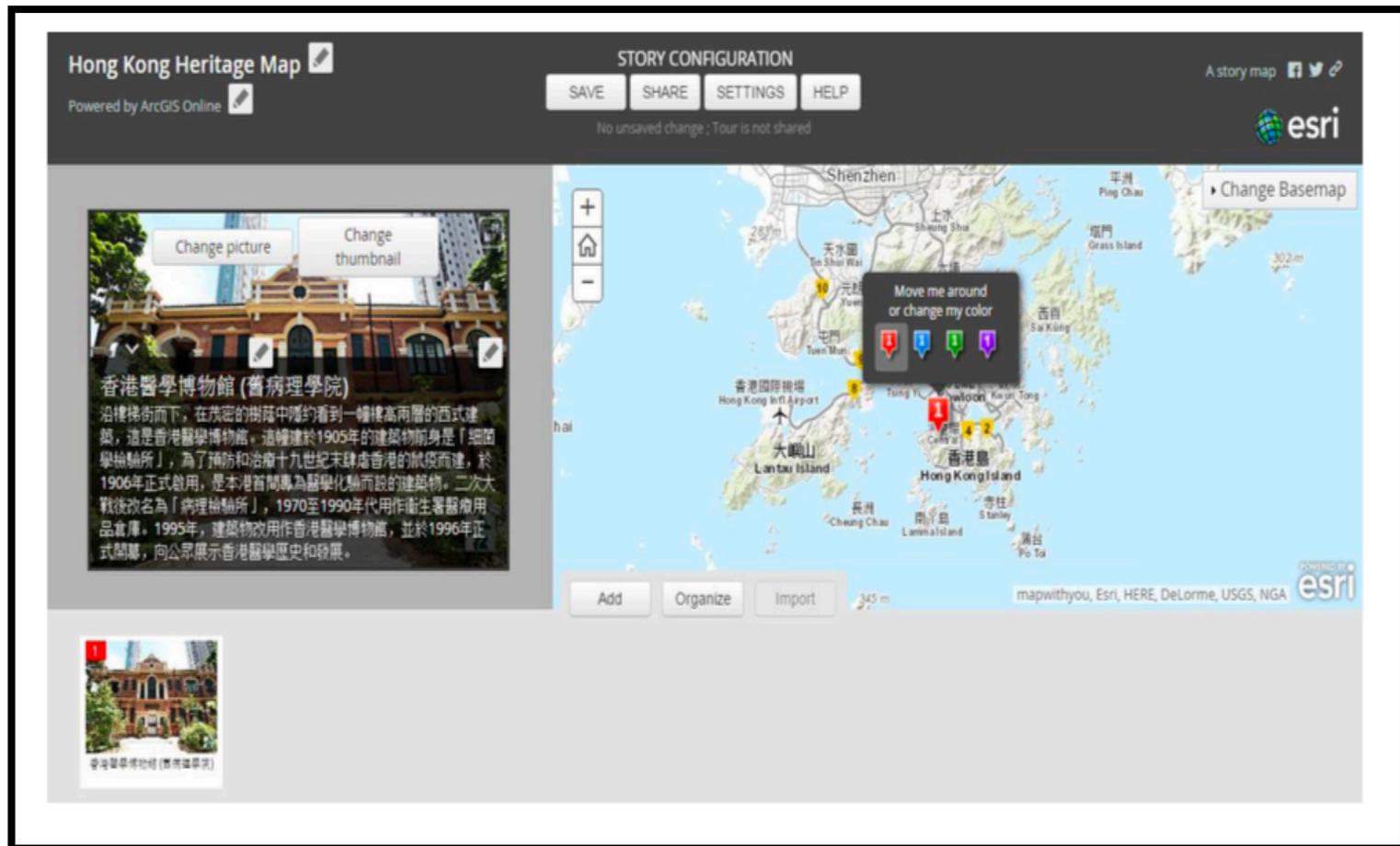
## How to create a Story Maps on ArcGIS online

13. On the **Location tab**, define the location of the tour point. If you are uploaded a **geotagged images**, the location will be extracted from the photo. Otherwise, the location of images have to define manually.



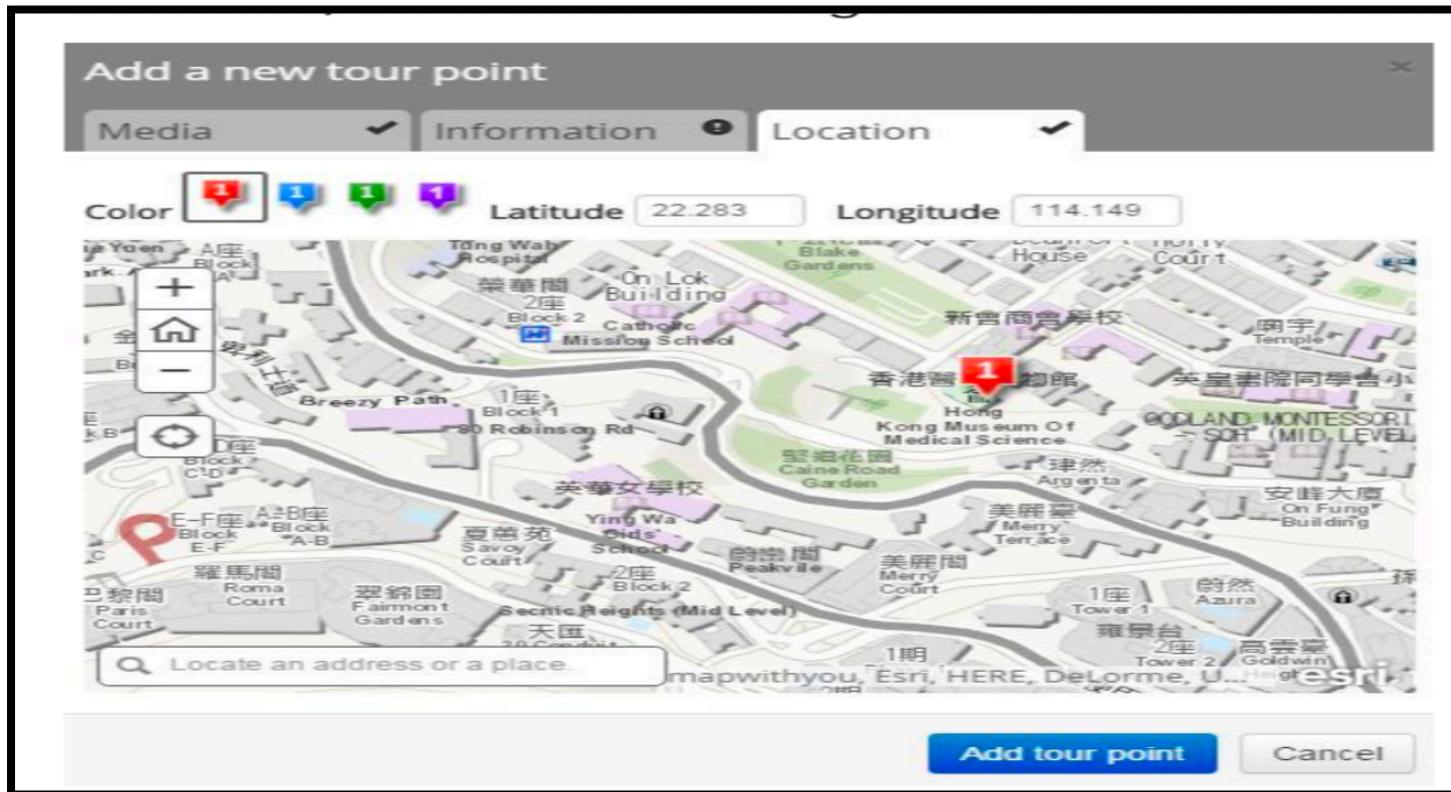
# How to create a Story Maps on ArcGIS online

14. The final story map would look like below.



# How to create a Story Maps on ArcGIS online

15. Repeat Steps, to add another map tour point.



---

**Get FREE  
ArcGIS Online  
School Account**

**<http://esrichina.hk/mil/>**



### 3. 討論運用GIS及相關IT資源的教學範例， 以促進與氣候變化課題有關的探究式學習



# 討論運用GIS及相關 資訊科技資源的教學範例

	<b>Primary Curriculum</b>	<b>Secondary Curriculum</b>
Cross KLA examples	Climate change, General Studies, Chinese/English Languages	Climate change, Geography, Science, Liberal Studies, Chinese/English Languages
Expected learning Outcomes related to IBL	Self-motivation, Social Inquiry	Social Inquiry, Scientific Inquiry
Learning Approach	Exploratory, student-centred, enjoyable, gamified learning experience	Self-directed, inquiry-based, student-centred, adventurous, gamified learning experience
Teachers' role	Instructional and catering	As facilitator and motivator



## 4. 習作討論

Centre for Learning Sciences and Technologies (CLST)  
The Chinese University of Hong Kong



# 習作

- 設計中學策略性運用資訊科技教學活動以促進有關氣候變化的探究式學習 教學活動
- 包含 Stripling Model of Inquiry 元素
  - Connect / Wonder/ Investigate / Construct/ Express/ Reflect
- 可嘗試加入 GIS使用於教學設計
- 可參考習作示例
  
- 繳交方法：wallace\_mhw@alumni.cuhk.net
- 繳交日期：21/01/2018

# 習作參考

AA 班：

[https://drive.google.com/open?id=1pPm\\_q\\_eVZgDjSZ-5FFDaM8pSxmsierkR](https://drive.google.com/open?id=1pPm_q_eVZgDjSZ-5FFDaM8pSxmsierkR)

AB 班：

[https://drive.google.com/drive/folders/1MQgnCQNcDi33\\_eUA71uvTLSAXuzPbc3c?usp=sharing](https://drive.google.com/drive/folders/1MQgnCQNcDi33_eUA71uvTLSAXuzPbc3c?usp=sharing)

R2AA:

<https://drive.google.com/drive/folders/1i0g3aj3k5hmQN9wct5S8h0APfhsa9ZKE?usp=sharing>

R2AB:

[https://drive.google.com/drive/folders/1CwT6IFzU\\_Djzs92AyBOaLlCxIYhA3x5f?usp=sharing](https://drive.google.com/drive/folders/1CwT6IFzU_Djzs92AyBOaLlCxIYhA3x5f?usp=sharing)

## 總結：第一節

1. **介紹** 氣候變化問題 及相關課程的**探究式學習教學應用**
2. **介紹 GIS 及 資訊科技相關資源**  
(例如：Esri Story Maps、Esri ArcGIS Online、Google Maps、Google Earth、EduVenture等)
3. **討論**運用GIS及相關IT資源的**教學範例**，以促進與氣候變化課題有關的**探究式學習**
4. 作業簡介

## 預告：第二節

1. 作業討論及意見回饋
2. 介紹數碼傳感器和便攜式數據採集儀器，以進行有關氣候變化的探究
3. 介紹運用學習管理系統 (LMS) 和其他電子學習工具 (例如：HKEdcity VLE、Google Classroom、Google Drive、Microsoft o365等) 管理學生學習進程
4. 運用學習管理系統和電子學習工具，設計及整合探究式學習教材
5. 總結、討論及問與答環節