城市擴張及古洞的 可持續發展實地考察:

<u>(1)</u>利用 Collector for ArcGIS

製作圖層指南



香港中文大學

學習科學與科技中心

A. 準備 Polygon 圖層

1. 登入 https://developers.arcgis.com/



Sign In	esri
Username	
Password	
□ Keep me signed in	
SIGN IN	

2. 選擇 New Layer (新圖層)

 ArcGIS for Developers
 Dashboard
 + Get Started Documentation Pricing Support

 Dashboard
 + Get Started Documentation Pricing Support

 ArcGIS for Developers
 New Application
 New Layer

 ArcGIS Online
 New Application
 New Web Map

 Select your preferred APIs and SDK's for customized suggestions and developer tips.
 Select your preferred APIs and SDK's for customized suggestions and developer tips.

3. 選擇 Create an Empty Layer (創建一層空圖層)

Dashboard / Layers / Create Layer		VIII
Create New Layer		por series
	📚 Create an Empty Layer	
	Or	
	Drop File Here	
	Or Salart File	

4. 填寫圖層資料(即以下步驟 1-3), 然後按 Geometry (幾何)

在 Title (標題) 一項,使用 "Landuse_polygons_name (例如:

Landuse_polygons_ChanTaiMan)"

	Details	Geometry	Fields	Settings	
N	lew Layer Details	1			
Tit	tle anduse_polygons_ChanTaiMan		2		
Se ht	ervice Name tps://services.arcgis.com/orgic gs	d/rest/services/ landuse_p	olygons_ch√ /FeatureServer		

5. 選擇 *Polygons (多邊形)*,然後按 *Fields (範疇)*

Details	Geometry	Fields	Settings	
<u> </u>				
Points Lines ✓ Polygons				
The type of geographic features	your layer will store.			
Spatial Reference	9			
4326				
The WKID for the coordinate au	tem of your layer. Recommended valu	es are 4326 (WGS 84 at/l ng) or	102100 (Web Mercator)	

 填寫資料1及2(即 Name[名稱]及 Alias[別名],然後按 Add Field (添加範 疇)。完成後按 Settings (設定)

	Details	Geor	netry	Fields	Settir	igs	
ields							
Field Name		Field Alias	Field Type	1	Domain	Required	ŵ
Layers need to have at le	ast one data field	ł.					
Add field _{Name} Alias Type	Landuse Landuse String	2	2 ~	he unique key used by th he display name for this :	ie API. field.		
No Domain ()		0	Coded Values 🚯		0.1	Range 👩	
			+ Add	Field			

7. 分享圖層至 My Organization (我的機構), 然後按 Create Layer (創建圖層)

	Details	Geometry	Fields	Settings	_
Attachment	Settings				
Allow attach	ed images and other files to	individual features.			
Share Laver					
Select an option Me (Private)					_
 My Organization Everyone (Public 	(Esri China (HK) Ltd.)				<u></u>
And members of	these groups:				
					8
There was an error loa	ading groups.				
Those settings wil	I contace the surrent sharing	rottinor			
mese setungs wi	rreplace the current sharing	settings.			
Permissions	Settings				
These settings app	ly to other ArcGIS Online user	with whom you have shared your	laver. You always have permi	ssion to edit your own layers.	
		,,			
Enable editir	ng.				
Keep track o	f created and updated featur	es.			
Enable Supe	I who created and last updat	be viewed edited and synchron	Ibaria		
in chaole sync	(ayer can be taken on the to	be nemes, conco, and synemo	need p		
What kind of editi	ing is allowed?				
Add, update	, and delete features				
Only update	feature attributes				
Only add ne	w features				
What features can	editors see?				
Editors can s	iee all features				
	only see their own features (r	equires tracking)			
Editors can o	see any features, even those	they add			
Editors can o Editors can't					
Editors can o Editors can't	aditors adit?				
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B. 準備點圖層

8. 選擇 New Layer (新圖層)

ArcGIS for Developers & Dashboard + - Get Started Documentation Pricing Support

Dashbo	bard			
ArcGIS for Developers	New Application	New Layer	Import Data	New Basemap Style
ArcGIS Online	Manage Content	New Web Map	New Web Scene	New Story Map
Select your preferred AF	Pls and SDKs for customized suggesti	ons and developer tips.		

9. 填寫圖層資料(即以下步驟 1-3, 然後按 Geometry (幾何)

在 Title (標題)一項, 鍵入 "Landuse_points_name (例如:

Landuse_points_ChanTaiMan)"

Details	Geometry	Fields	Settings	
New Layer Detai	ls 1			
Title Landuse_points_ChanTaiMar		2		,
Service Name				
Tags	orgid/rest/services/ landuse_p	olygons_ch	r	
#cuhk 🗙				~

10.選擇 Points (點),然後按 Fields (範疇)

Details	Geometry	Fields	Settings	
Geometry				
✓ Points				
Polygons				
Spatial Refere	nce			
4326				
The WKID for the coordinat	e system of your layer. Recommended	values are 4326 (WGS 84 Lat/Ln	g) or 102100 (Web Mercator)	

11.填寫資料1及2(即 Name[名稱]及 Alias[別名]), 然後按 Settings (設定)

	Details		Geometry		Fields	Set	ttings		
Fields									
Field Name		Field Alias		Field Type		Domain	Re	quired	Û
Layers need to have at le	ast one data fie	d.							
Add field Name Alias Type	Landuse String	•		 2 	The unique key used by The display name for th	y the API. his field.			
No Domain ()			Code	d Values 🚯			Range 🔀		
				+ A	ld Field				

12. 分享圖層至 My Organization (我的機構), 然後按 Create Layer (創建圖層)

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Share Layer State an online Me (Private State an online Me (Private State an online State an online and state an online and state and sta						
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What features can edit all features	Editors can only s	ee their own features (ri	equires tracking)			
What features can editors odit?	collors can't see i	my reatures, even those	unity inte			
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Lata curators with the appropriate privileges	• You					
	You Administrators					
	You Administrators Data curators with	he appropriate privilege	8			

C. 準備線圖層

Dashbo	bard			
ArcGIS for Developers	New Application	New Layer	Import Data	New Basemap Style
ArcGIS Online	Manage Content	New Web Map	New Web Scene	New Story Map

13.填寫圖層資料(即以下步驟 1-3),然後按 Geometry (幾何)

在 Title(標題)一項,使用 "Landuse_lines_name (例如:

Landuse_lines_ChanTaiMan)"

Details	Geometry	Fields	Settings
New Layer De	etails		
l itle Landuse_lines_ChanTail	Man	. 2	
Service Name			
https://services.arcgis.c	om/orgid/rest/services/ landuse_p	olygons_ch /FeatureServe	er
3			
lags —			

14.填寫資料1及2·(即 Name[名稱]及 Alias[別名]·然後按 Add Field (添加 範疇)。完成後按 Settings (設定)

	Details	Geor	netry	Fields	S	ettings		
Fields								
Field Name		Field Alias	Field Type		Domain		Required	Û
Layers need to have at le	east one data field							
Name Alias Type	Landuse Landuse String ¢		2 .	The unique key use	od by the API. for this field.			
No Domain ()	1	0	Coded Values 🚯			🛛 Range 🗊		
			+	Add Field				

15.分享圖層至 My Organization (我的機構), 然後按 Create Layer (創建圖層)



D. 群組圖層

16.從 Dashboard (儀表盤)中,按 Manage Layers (圖層管理)

ArcGIS for Develop	ers Ø Dashboard +▼ Get :	Started Documentation Pricing Su	ipport		Q EDB EDB_CU1 ❤
Dashbo	bard				
	New Application	New Layer	Import Data	New Basemap Style	Download APIs & SDKs
	Manage Content	New Web Map	New Web Scene	New Story Map	Launch Web AppBuilder
Apps				ory Map	m Manage Applications (4)
Ŕ	Ŕ		R	+ Create New Application	+ Create New
(LWP) Demo Foca (River)	MS MAN	K) X灰及曾尼 个HX端上来 員 地考察(NWK)	(YVONNE)		
App details	App details	App details	App details	New Layer Impor	t Data Manage Layers (31)
Landuse_points_ChanTa Man	ui Landuse_lines_ChanTaiM n	Ma Landuse_polygons_Chan1 aiMan2	f Landuse_lines_ChanTaiMa n	line_cyan	point_cyan
Layer details	Layer details	Layer details	Layer details	Layer details	Layer details

17.進入 Layers (圖層) 頁面後,然後選 polygons layer (多邊形圖層) – "Landuse_polygons_ChanTaiMan"

Dashboard / Layers Layers	L'ATTAC		E/A	UR.	
Create Layer or Import Data	Search your layers Q All sharing levels 🗘		Choose tags ×		
What are Feature Layers?	Title	Tags	Created	Modified	Sharing
Feature Layers store geographic data (points, lines or polygons) in ArcGIS	Landuse_points_ChanTaiMan	#cuhk	Tue Jun 11 2019, 10:33AM	Tue Jun 11 2019, 10:33AM	Organization
Online. They have renderers that define their visualization and can be analyzed and edited	Landuse_lines_ChanTaiMan	#cuhk	Tue Jun 11 2019, 10:28AM	Tue Jun 11 2019, 10:28AM	Organization
Adding Data	Landuse_polygons_ChanTaiMan	#cuhk	Tue Jun 11 2019, 10:27AM	Tue Jun 11 2019, 10:27AM	Organization

18. 按 Open in Map Viewer (在地圖視窗開啟) 打開圖層

	Summary: No summary.	Share
	Created:Monday May 6 2019, 9:29PM	🖻 Open in Map Viewer
	Modified:Monday May 6 2019, 9:29PM	
	Tags: #cuhk	Open in Scene Viewer
	-	
		View in ArcGIS Online
Description		☑ View in Arcus Online ☑ View Service
Description		View In Arcuits Unline View Service Layer ID

19. 按 *Add (添加)*, 然後按 *Search for Layers (尋找圖層)*, 並選擇已建立的點和 線圖層



20.按 save (儲存),以儲存所有圖層

□ - ∞ (nare 🖶 🗸 🚸 Directions 🚔 Measure 🛄 Bookmarks	Fir
Save Map	1 2	×
Title:	古洞的城市擴張實地考察_ChanTaiMan	
Tags:	#cuhk × Actags 3	
Summary:	Description of the map. 4	
Save in folder:	EDB_CU1	
	SAVE MAP CANCEL	
10	and a second and a second	1