

# Documenting Cultural Landscapes: Tools and Issues for Collaboration Across Boundaries

*Panel on*  
*Cultural Landscapes in Emerging Digital Scholarship:*  
*The Search of Conceptual and Computational Frameworks*

2022-07-27 @ DH2022

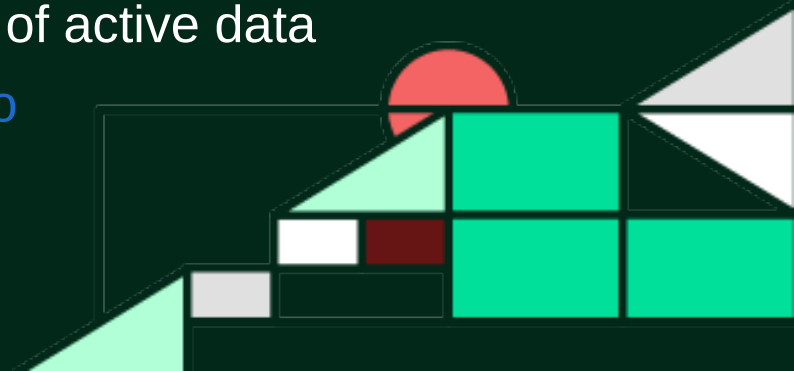
Tyng-Ruey Chuang, Cheng-Jen Lee, Yu-Chia Monica Mu, Chia-Hsun Ally Wang  
*Institute of Information Science, Academia Sinica, Taiwan*

Yu-Huang Wang  
*Independent Researcher*



# Documenting Cultural Landscapes

- Working on imprints of human activities in unwinding terrains, embedded with diverse cultural artifacts of various scales over time
- Heterogeneity of materials: audiovisual recordings, aerial and panoramic images, photos and prints, historical records and maps, field notes, chorographies, lab results, among others
- Need to collate new and existing documentations for research
  - moving toward collaborative documentation, curation, and enrichment
- In need of spatial, temporal, and domain vocabularies that link across documentation collections as well as communities
- Advocating the use of research data repositories for collaborative cultural landscape documentations
  - not just for archiving but also for management of active data
  - an exemplary data repository: [data.depositar.io](https://data.depositar.io)



# A Panoramic Image on Part of The Nanshan Gravesite (Tainan, Taiwan)





**Bird Candy Bird Han** ...

February 18, 2014 · 🌐

(拍攝：Hsin-ru Lee)  
 舊建築是城市的無價之寶。離南港瓶蓋工廠不遠的一個台鐵機廠廢墟。斑駁的水泥牆長滿植物，這裡遺留下東南亞移工打拼的痕跡，人去樓空的辦公室裡，抽屜雜物撒一地。這裡也是我和幾個塗鴉人一起"上班"的地方，也是接待外國塗鴉友人的好地點。  
 從過年前，緬甸旅途接近尾聲開始，就不停的道別，和不同的人道別，和不願道別的道別，現在也得和它道別，沒來得及看最後一眼的巨大廢墟，其實是裝滿玩具的小紙箱。

👍 365 12 Comments 57 Shares

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Minachun Chana

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## COVID-19 影像與敘述 COVID-19 Images and Stories

[上傳圖片 Upload](#) [圖片庫 Pictures](#)[登入與註冊 Login in/Sign up](#)

日期 Date: 2020-03-21

地點 Location: [22.99446,120.21262](#)  
台南市中西區 台南市中西區

記錄者 Recorder: trc

授權 Authorization: 照片授權：[CC BY 4.0](#) (trc)

### 描述 Description:

疫期心情

2020-03-28

前天晚上到研究院的餐廳吃飯，服務員跟用餐的人數差不多，總共大概二、三十人。冷冷清清。居家檢疫、居家隔離不再是陌生的語詞；有故事有細節，來自體驗中的同事朋友。遠距工作與線上會議是常態。通勤上班必備口罩，有人選擇開車，比較自在。生活緩慢轉向，不熟悉也要適應。

電話會議中，在歐洲的與會者好幾天沒出門了。有位說他自己應該得了病毒，從身體狀況和人際網絡，他如此推斷。大家請他保重。認識的人當中，首位得到病毒，另位這樣說了。我頓了一下，的確他也是我所認識的第一位感染者。病毒若是透過網路傳遞，他將是我的R0。

四月初的「面對面」工作會議現在當然是不用開了。改成四天舉行四次線上會議，一次兩小時。這國際組織的執委會，成員

1

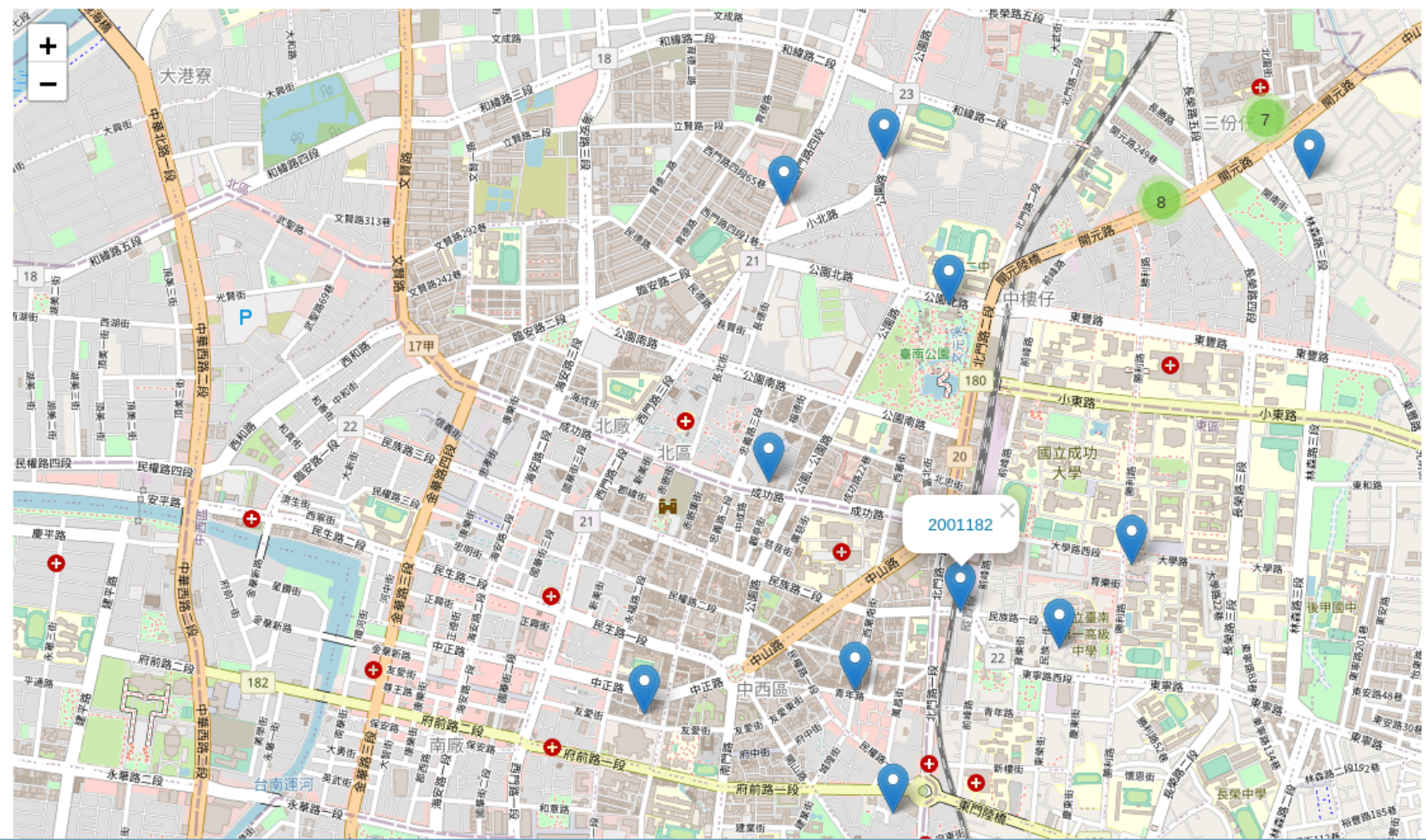
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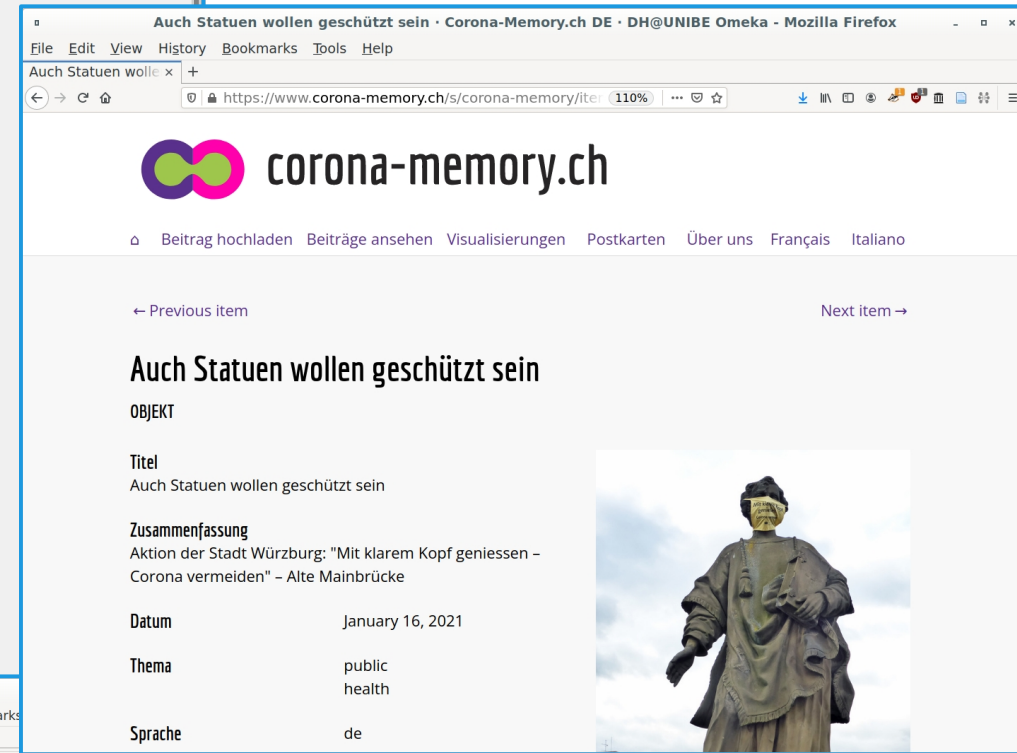
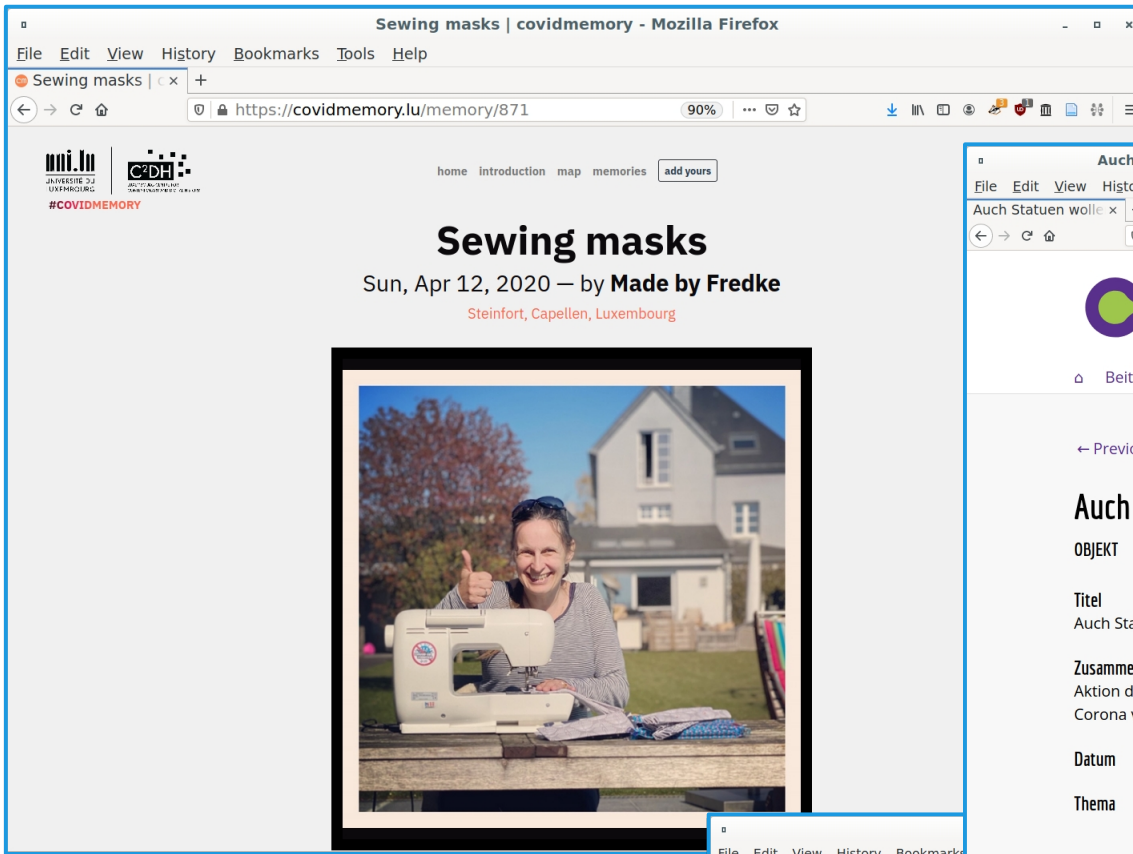
## 大家的圖片-地理分布

看圖片



# Corona Memory

<https://www.corona-memory.ch/>  
Switzerland



## COVID-19 memories

<https://covidmemory.lu/>  
Luxembourg

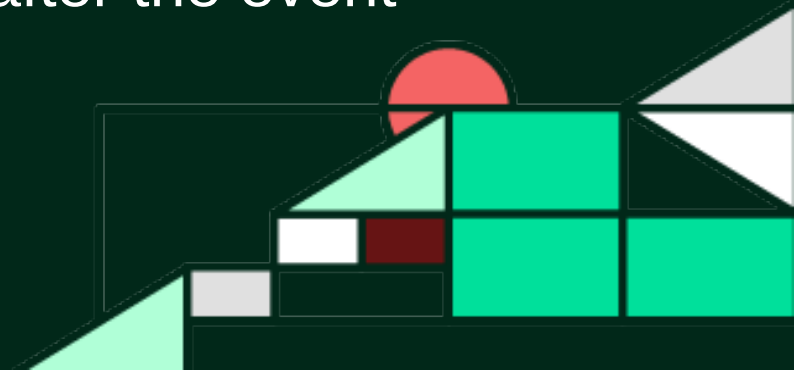


## COVID-19 Images and Stories

<https://th.covid19.commons.tw/>  
Taiwan

# Collaborative Cultural Landscape Documentation

- The *depositar* ( 研究資料寄存所 ) – a data repository
  - open source (based on CKAN) and free registration
  - file preview (CSV, WMTS, Shapefile, etc.), Wikidata as vocabularies, PIDs (Archival Resource Keys), data catalogs (DCAT), machine-actionable data endpoints, ...
  - development and service supported by Academia Sinica
- Example: documenting a tour to the Nanshan gravesite
  - mainly on archiving media files collected on the day
  - also for data processing and writing after the event





DRGPA 2021

Registration 報名

DRGPA 2021

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# DRGPA 2021

Documenting and Researching Gravesites  
in Pacific Asia  
研究記錄亞太墓地研討會

14-16/10/2021

National University of  
Kaohsiung, Taiwan  
國立高雄大學

onsite & online hybrid conference

台北 TAIPEI TIMES

Home / Features

Tue, Dec 07, 2021 page13

## In search of ancestors

### More thought needs to be put into the preservation of Taiwan's public cemeteries, not destroyed to make way for apartment buildings in a country with a declining birth rate

By Linda Gail Arrigo / Contributing reporter

For Taiwanese in an earlier time, most of family life revolved around parents and veneration for previous generations who had passed on to their descendants the source of sustenance — land. You could see the lush green rice fields terraced up the hills, or golden with stalks bending under the grains heavy before harvest. I knew that daughters-in-law regularly placed bowls of rice and meat on family altars on which were tablets with names of the ancestors.

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Research Center for Asia-Pacific Languages and Cultures's albums

### DRGPA Conference 2021, Day1 2021. Oct.14

October 21 · Share

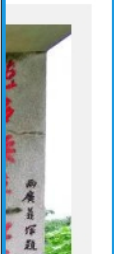
Project Title

mixture.iis.sinica.edu.tw/~trc/marzipano/nanshan\_gravesite\_2021-10-14/

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### A Guided Tour to the Nanshan Gravesite on 2021-10-14 | 2021-10-14 南山墓地導覽

This project documents a guided tour to the Nanshan gravesite on 2021-10-14. 此專案蒐集 2021-10-14 南山墓地導覽的紀錄。

#### 讀取更多

追隨者 0  
資料集 4

#### Wikidata 關鍵字

- 文化地景 4
- 臺南市 4
- 墳場 4
- 臺南南山公墓 4
- 竹溪 1
- 虛擬現實 1
- 全景圖 1
- 全球資訊網 1

資料集 動態牆 關於

搜尋資料集

### 找到 4 個資料集

排序依照: 根據名稱

#### Documents Related to The Nanshan Gravesite Guided Tour | 關於該南山墓地的文件

This dataset collects documents related to the Nanshan gravesite guided tour on 2021-10-14. 此資料集收錄 2021-10-14 南山墓地導覽的

HTML

#### Online Visit to The Nanshan Gravesite | 線上造訪南山墓地

This dataset collects the source materials used for the construction of a website for an online visit to the Nanshan gravesite, based on panoramic images captured during the...

HTML ZIP JPEG

#### Photos Related to The Nanshan Gravesite Guided Tour | 關於該南山墓地導覽的照片

This dataset collects photos related to the Nanshan gravesite guided tour on 2021-10-14. 此資料集收錄 2021-10-14 南山墓地導覽的相關

JPEG

#### Writings Related to The Nanshan Gravesite Guided Tour | 關於該南山墓地導覽的書寫

This dataset collects writings related to the Nanshan gravesite guided tour on 2021-10-14. 此資料集收錄 2021-10-14 南山墓地導覽的相關

HTML



### A Guided Tour to the Nanshan Gravesite on 2021-10-14 | 2021-10-14 南山墓地導覽

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#### read more

Followers 0  
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#### Wikidata Keywords

- cultural landscape 4
- Tainan 4
- cemetery 4
- Nanshan Public Cemetery, Tainan 4
- Jhu Si 1
- virtual reality 1
- panorama 1
- World Wide Web 1

Datasets Activity Stream About

Search datasets...

### 4 datasets found

Order by: Name Ascending

#### Documents Related to The Nanshan Gravesite Guided Tour | 關於該南山墓地導覽的文件

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HTML

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HTML ZIP JPEG

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JPEG

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HTML

## Online Visit to The Nanshan Gravesite | 線上造訪南山墓地

Followers

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### Project



### A Guided Tour to The Nanshan Gravesite | 南山墓地的一場導覽

This project documents a guided tour to the Nanshan gravesite on 2021-10-14. 此專案蒐集 2021-10-14 南山墓地導覽的紀錄。 [read more](#)

Dataset Topics Activity Stream History

## Online Visit to The Nanshan Gravesite | 線上造訪南山墓地

This dataset collects the source materials used for the construction of a website for an online visit to the Nanshan gravesite, based on the panoramic images captured during the guided tour on 2021-10-14. The [Marzipano tool](#) is used to create a navigable 360° view of the gravesite.

此資料集收錄 2021-10-14 南山墓地導覽時所拍攝的全景影像，並用這些全景影像製作一個線上造訪南山墓地的網站。使用 [Marzipano 工具](#) 以建立可走動的 360° 場景。

### Data and Resources



#### [Website: Visit to Nanshan Gravesite | 網站：造訪南山墓地](#)

A website for an online visit to the Nanshan gravesite, based on the...

[Explore](#)



#### [Zipped File of The Website | 整個網站壓縮檔案](#)

The website, as a zipped file, for an online visit to the Nanshan gravesite,...

[Explore](#)



#### [Panoramic Images of Nanshan Gravesite | 南山墓地的全景影像](#)

Panoramic images captured during the guided tour to the Nanshan gravesite on...

[Explore](#)



#### [Marzipano Tool Video Tutorial | Marzipano 工具的影音教學](#)

A YouTube tutorial about the Marzipano Tool. Marzipano 工具 YouTube 教學。

[Explore](#)





# In Search of Ancestors

Go to resource

URL: <https://www.taipeitimes.com/News/feat/archives/2021/12/07/2003769145>

"In Search of Ancestors", by Linda Gail Arrigo. Published in *Taipei Times* on December 7, 2021.

網站

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### In search of ancestors

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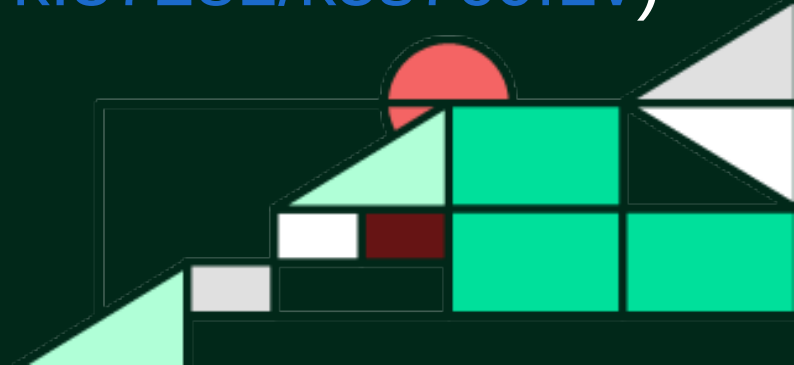
For Taiwanese in an earlier time, most of family life revolved around parents and veneration for previous generations who had passed on to their descendants the source of sustenance — land. You could see the lush green rice fields terraced up the hills, or golden with stalks bending under the grains heavy before harvest. I knew that daughters-in-law regularly placed bowls of rice and meat on family altars on which were

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# Toward Collaborative Data Management

- Form cultural landscape documentation teams
- Agree on and strive to maintain good metadata
- Allow for multi-faceted search to collections
- Decide on data availability (e.g. public or private)
- Leverage external resources and services
- Curate and cite documentation collections
  - use persistent identifiers (e.g. [ark:37281/k5s7c0f1v](https://nbn-resolving.org/urn:ark:37281/k5s7c0f1v))





Search datasets...



10 datasets found

Order by: Relevance

Wikidata Keywords: cultural landscape



Filter by location



Map tiles & Data by OpenStreetMap, under CC BY-SA

Filter by Time

Wikidata Keywords

cultural landscape 10

Add Dataset

### High Resolution Orthoimagery of the Nanshan Public Cemetary | 南山公墓高解析正射影像

This dataset has no description

KML URL WMTS

### PRIVATE Nanshan Gravesite Panoramic Images -- Ricoh Theta Z1

Panoramic images captured by a Ricoh Theta Z1 at the Nanshan Gravesite by Yu-Huang Wang. Image EXIF includes GPS data.

tar.gz JPEG

### PRIVATE Nanshan Gravesite Images -- Pentax WG-3 GPS



Nanshan Gravesite...

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Project



### Visiting the Nanshan Gravesite on 2022-03-13 | 2022-03-13 造訪南山墓地

Collections of images and documents about a visit to Nanshan Gravesite. Date: 2022-03-13. Time: about 9 am to 12:00 noon. Visitor

### PRIVATE Nanshan Gravesite Panoramic Images -- Ricoh Theta Z1

Panoramic images captured by a Ricoh Theta Z1 at the Nanshan Gravesite by Yu-Huang Wang.

Image EXIF includes GPS data.

#### Data and Resources

**Nanshan Gravesite, 47 Panoramic Images, Theta Z1**  
47 panoramic images taken at the Nanshan Gravesite by a Theta Z1.

Explore

**A Sample from the Image Collection**

The first image in the collection.

Explore

**A Sample (1/3) from the Image Collection,...**

A sample (1/3) from the image collection, viewed at Google Map.

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**A Sample (2/3) from the Image Collection,...**

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**A Sample (3/3) from the Image Collection**

Explore





## A Sample (2/3) from the Image Collection,...

Manage

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URL: <https://maps.app.goo.gl/1RfAN1BBrFUTXTts5>

A sample (2/3) from the image collection, viewed at Google Map.

圖片

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### Resources

Nanshan Gravesite, 47

A Sample from the...

A Sample (1/3) from...

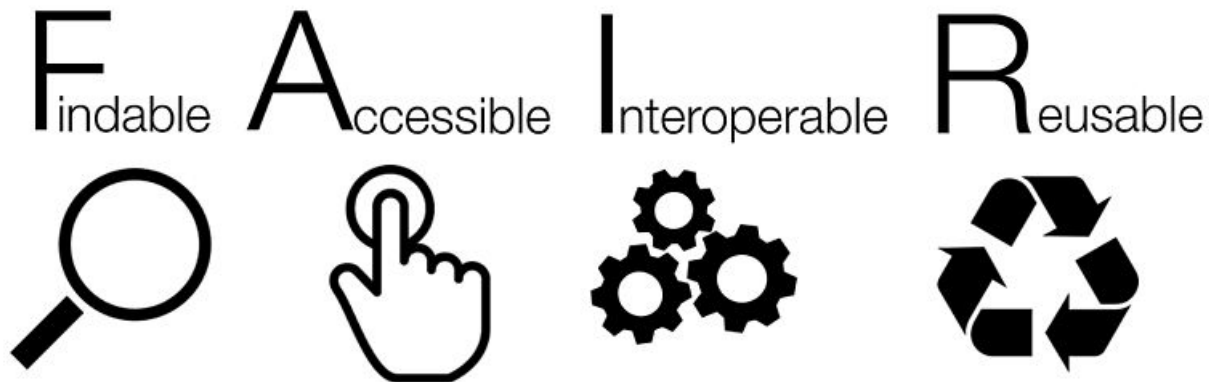
A Sample (2/3) from...

A Sample (3/3) from...

### Social







## Data and Repositories



@\_depositar

# 謝謝! Thank You!

<https://data.depositar.io/>  
<https://docs.depositar.io/>

[data.contact@depositar.io](mailto:data.contact@depositar.io)

The *depositar* is a collaboration at the Institute of Information Science, the Research Center for Information Technology Innovation, and the Research Center for Humanities and Social Sciences (GIS Center) in Academia Sinica, Taiwan. The project has been supported, in part, by grants from Taiwan's Ministry of Science and Technology.

The *depositar* project team: T-R Chuang, M-S Ho, C-J Lee, Monica Y-C Mu & Ally C-H Wang.

「研究資料寄存所」是中央研究院資訊科學研究所、資訊科技創新研究中心、人文社會科學研究中心（地理資訊科學研究專題中心）的協作專案，部份經費來自台灣科技部的專題研究計畫。

研究資料寄存所計畫成員：莊庭瑞、何明誼、李承鑫、穆昱佳、王家薰。

