

# 2024 Hualien Earthquake and Responses

from Community

slide: <https://hackmd.io/@osm-tw/HkGuhV3x0>

2024 04/17 Map-py Wednesday

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# Who am I

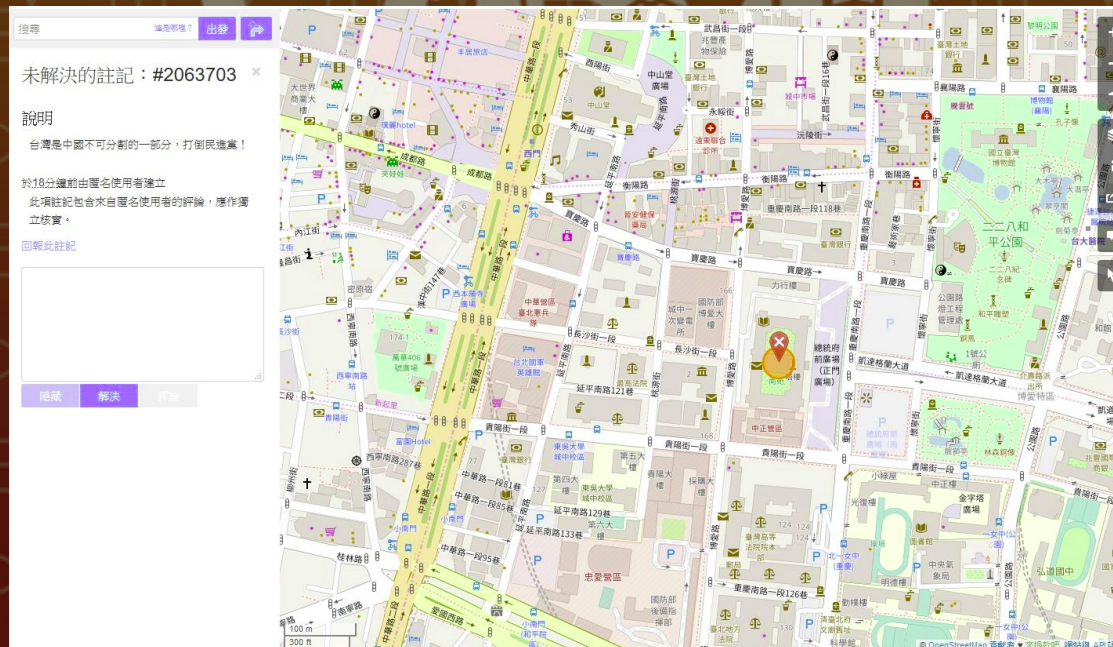
- Supaplex
- OpenStreetMap ❤️ Wikidata ❤️
- OSM Foundation Data Working Group
- WikidataCon 2023 organize team
- Wikimedia Taiwan 🐱

# OpenStreetMap Taiwan(Q104641278) & Wikidata Taiwan(Q65555605)

- Monthly Meetup in Taipei, co-host of OpenStreetMap Taiwan and Wikidata Taiwan
- members overlapped with each other
- Major change monitor and mapping, tagging scheme discussion

# Keep track of vandalism of Taiwan and recovery

easy spotted by QA Tools like Osmcha



# Keep track of vandalism of Taiwan and recovery

The screenshot shows a map application interface. On the left, a sidebar displays a report titled "未解決的註記：#3169961" (Unsolved Note: #3169961). The report text states: "說明 台灣省是中華人民共和國的固有領土。中華民國已於1949年滅亡。" (Description: Taiwan Province is the inherent territory of the People's Republic of China. The Republic of China was extinguished in 1949). It also notes the report was created 2 days ago by an anonymous user at coordinates 23.3876000, 120.7150000. A yellow warning box says: "此項註記包含來自匿名使用者的評論，應作獨立核實。" (This note contains comments from anonymous users and should be independently verified). At the bottom of the sidebar are buttons for "隱藏" (Hide), "解決" (Solve), and "評論" (Comment). The main map area shows a green terrain with a white outline of Taiwan. A red location pin with a white 'X' is placed on the map, corresponding to the report's location. Labels on the map include "約富貴" (Yofugui) and "岳亞那山 西北峰 1550 m" (Yuanan Mountain Northwest Peak 1550 m).

# Cross Taiwan Strait Railway planned only by China

Changeset: 119733629 Open with Tags Supa...

Way: 1051962780

History Open feature Add to flagged

version	1
timestamp	2022-04-15T01:51:04Z
changeset	119733629
uid	15574746
user	HoucyunWong

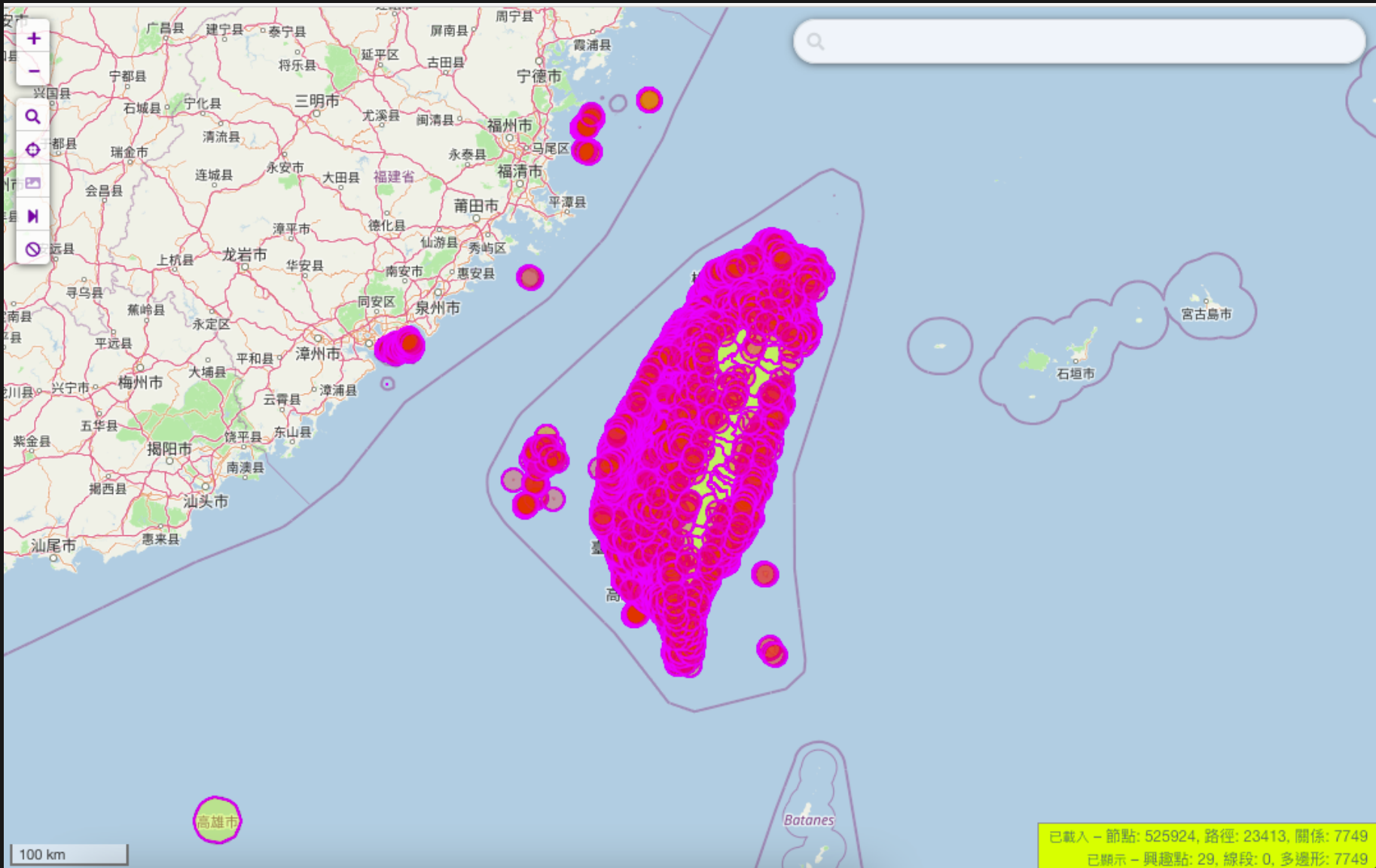
TAG DETAILS

railway	rail
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mapbox

# Visualization of Villages in Taiwan





已載入 - 節點: 525924, 路徑: 23413, 關係: 7749  
 已顯示 - 興趣點: 29, 線段: 0, 多邊形: 7749



# First Attempt of Using HOT Tasking Manager during Mapping Party





- Date: 2024 03/26
- Venue: NCKU
- Map a Local Project in Taiwan
- OSM Diary: [OpenStreetMap Taiwan x TomTom NCKU Mapping Workshop](#)

04/03 07:58:11 UTC+8 Hualien  
Earthquake



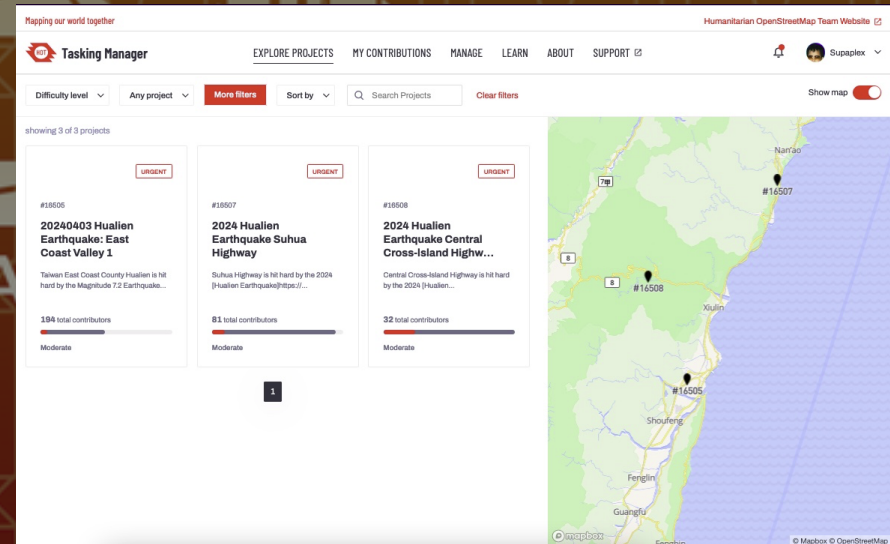


# Damage of the Earthquake

- 17 people dead, 1100 injured
- Landslide along the Taroko Gorge, not suitable for travel in decades
- Traffic to Hualien is malfunction (railway, highway)
- Largest since 1999 911 Earthquake
- Outside Hualien, Commute People went to work late due to traffic condition worsen by the Earthquake during the rush hour

# HOT Projects for the Earthquake

- Central Cross-island Highway eastern section: **16508**
- Suhua Highway: **16507**
- Hua-Dong Valley northern part, Sincheng, Siulin, Hualien, Ji'an, Shoufong: **16505**



# Summary

- Taiwan Government Disaster Response and Prevention Agencies are Resourceful
- Most of the Contributors of HOT projects Come outside of Taiwan
- Taiwanese Mappers Map Stuff Reported by the Media, ex: collapsed buildings or damaged bridges

# To-siā! sùn-mùng-ń! Thank you!



- [GitHub](#)
- Supaplex: [Wikidata](#), [OpenStreetMap](#)
- Or [email](#)
- Facebook group [Wikidata Taiwan](#),  
[OpenStreetMap Taiwan](#)