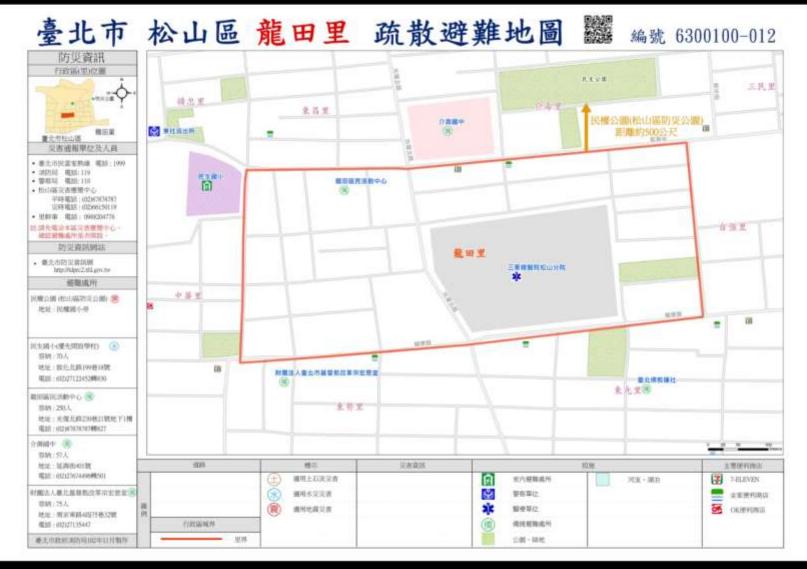


Open Standards, VGI, and ICT for Resilience and Sustainability Building

Kuo-Yu slayer Chuang

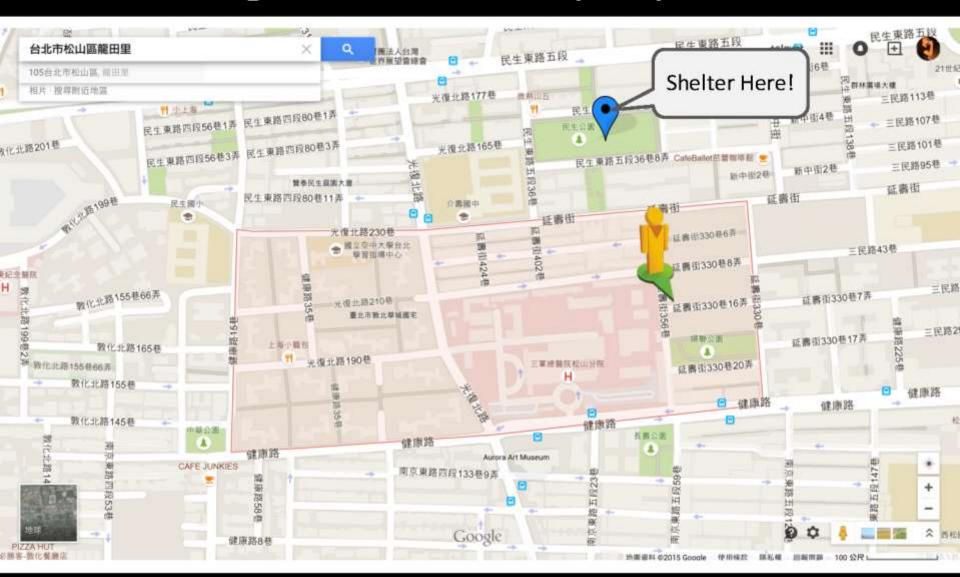
slayer@geothings.tw

Local Emergency Map in PDF



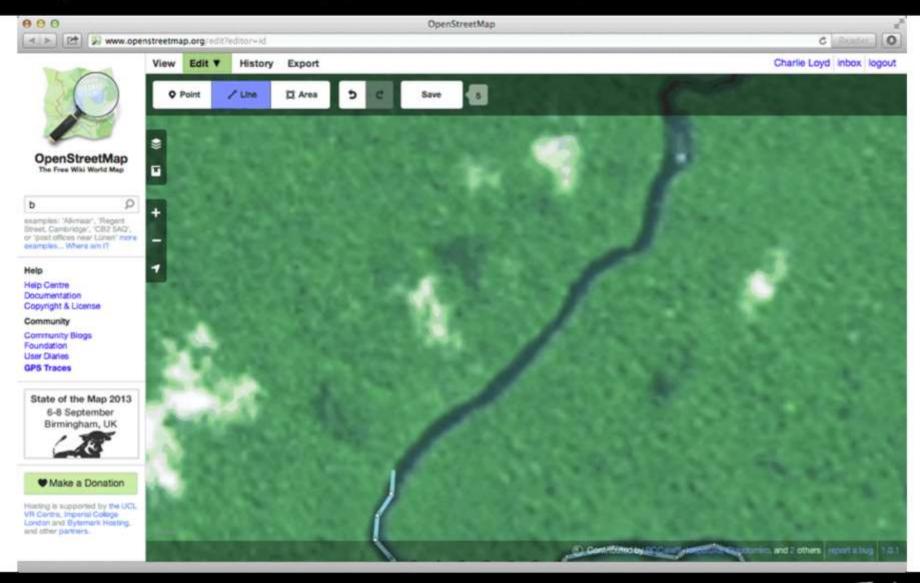


Would be great to have Map Layer



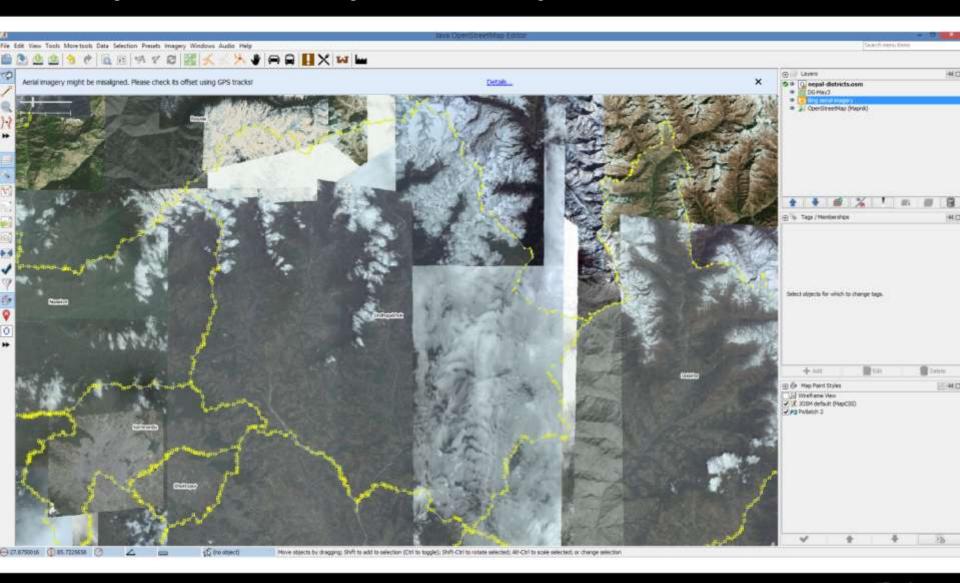


OpenStreetMap, Free and Open (just like Wiki)



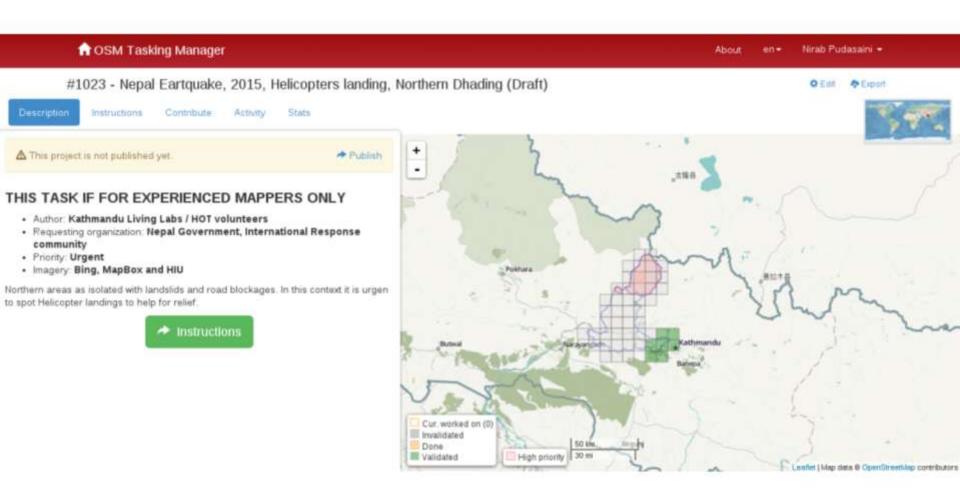


Response to Nepal Earthquake



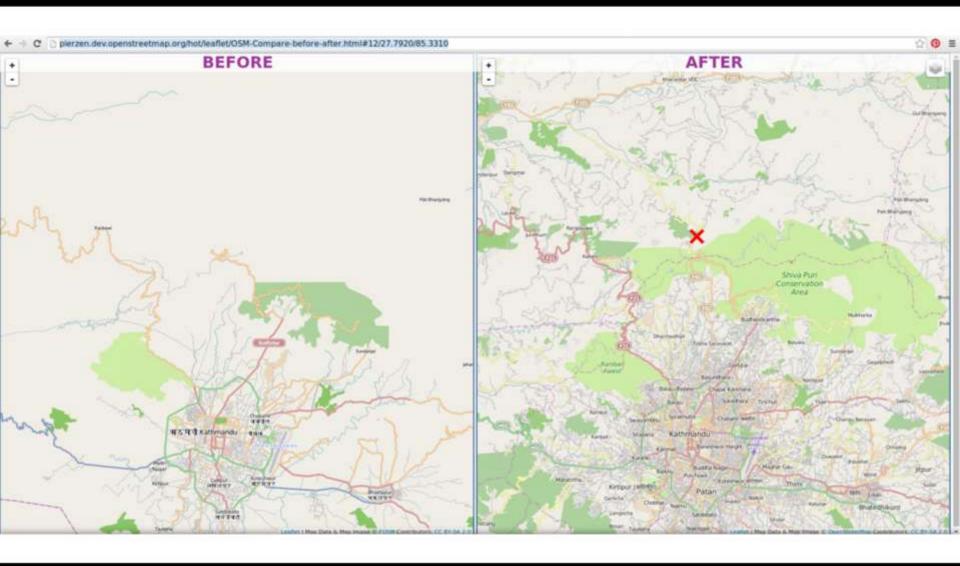


Task Manager for Mappers





Kathmandu on OSM, Before and After



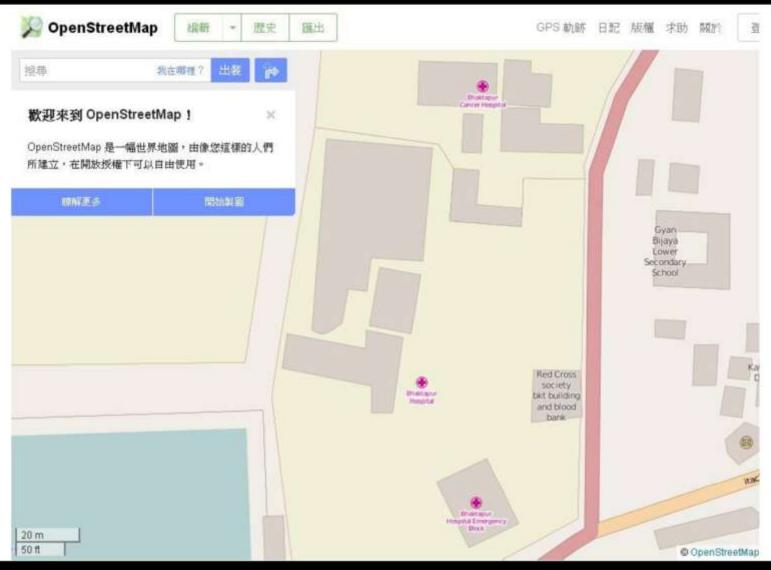


Bill Gates mentioned it!





Case Study: NGO mark their Resource on OSM









Step 1

Remote volunteers trace satellite imagery into OpenStreetMap

Step 2

Community volunteers add local detail such as neighborhoods, street names, and evacuation centers

Step 3

Humanitarian organizations use mapped information to plan risk reduction and disaster response activities that save lives











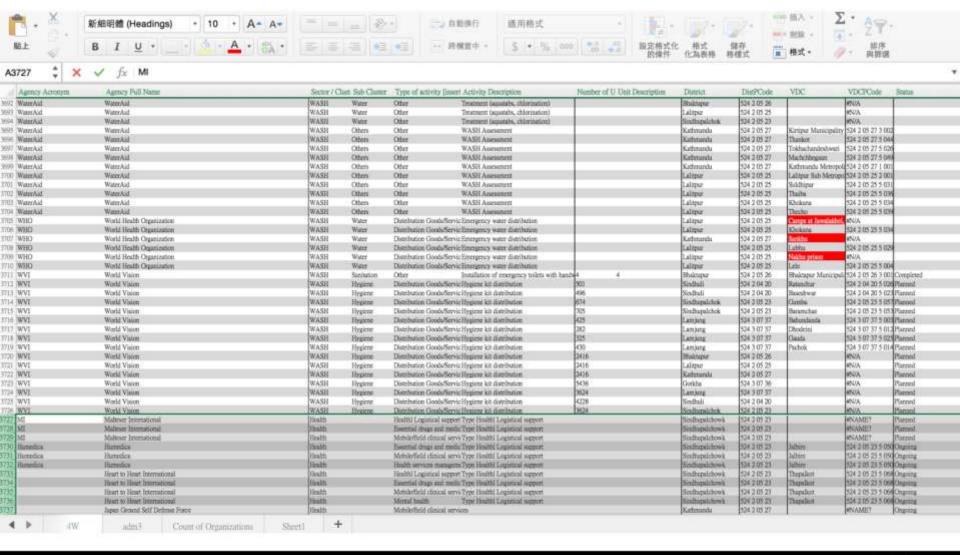


Now we have Map, how about the Information?

From GOV, NGO, and Community

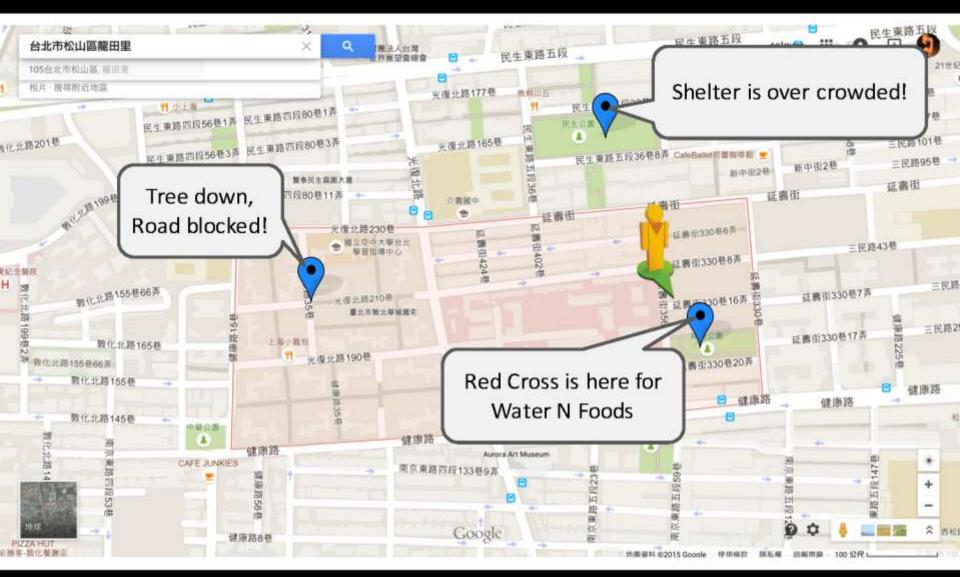


It's very important to know 4W

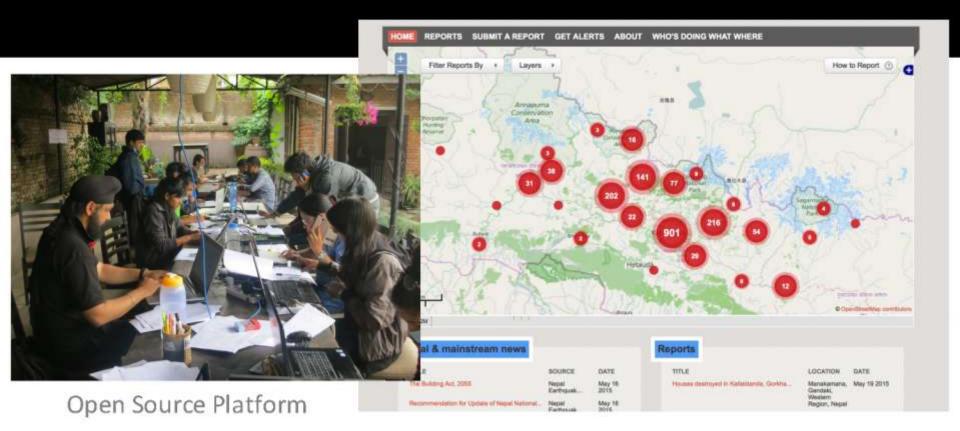




Fusion with Information







KLL (Kathmandu Living Lab) as Coordinator, pass to NGO and Nepal Army Ushahidi is developed for Web Post, SMS, and OGC/ITU Open GeoSMS

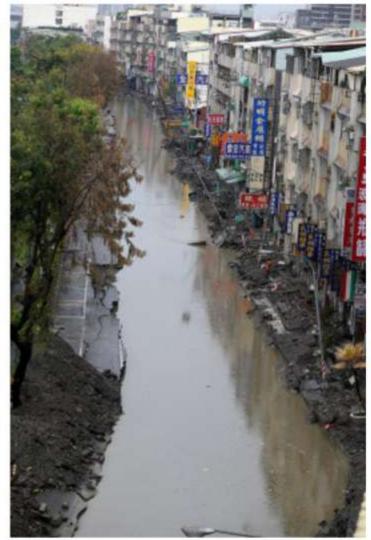
Crowdsource Case Study: QuakeMap



Heavy Rain after the Explosion in Taiwan



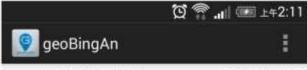




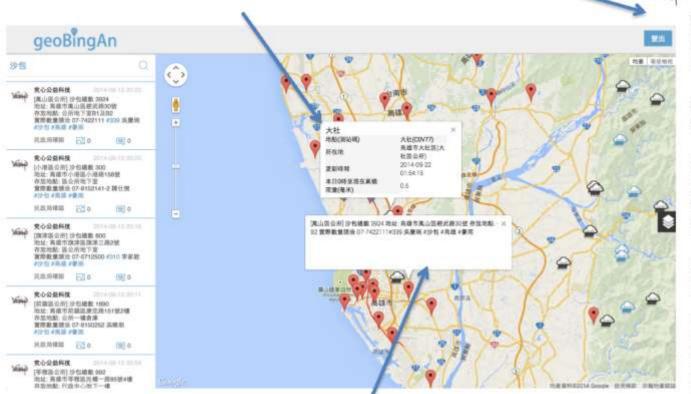


Information Fusion with geoBingAn

Push Notification via App



Near-real-time Rainfall Meters



Number of Sandbags

究心公益科技

2014/9/10

geoBingAn 提供沙包及時訊息

高雄沙包的最新更新整備狀況 (歡迎 跳坑更新最新沙包數量)

8/13 晚間七點與民政局同步確認數量.

8/13 晚間去電詢問了六龜區公所以 及甲仙區公所並確認沙包數量. 而衫 林區負責的古先生已經離職, 建議直 接轉總機 0 詢問.

沙包數量也會更新於究平安平台 https://geobingan.geothings.tw/

[為什麼不用 KML 圖層]

大家可以利用 Google Map Engine 之類的工具來建立 KML 圖層, 絕對沒 問題! 但因為我們同時提供 究平安 geoBingAn App 給 NGO 與救災組

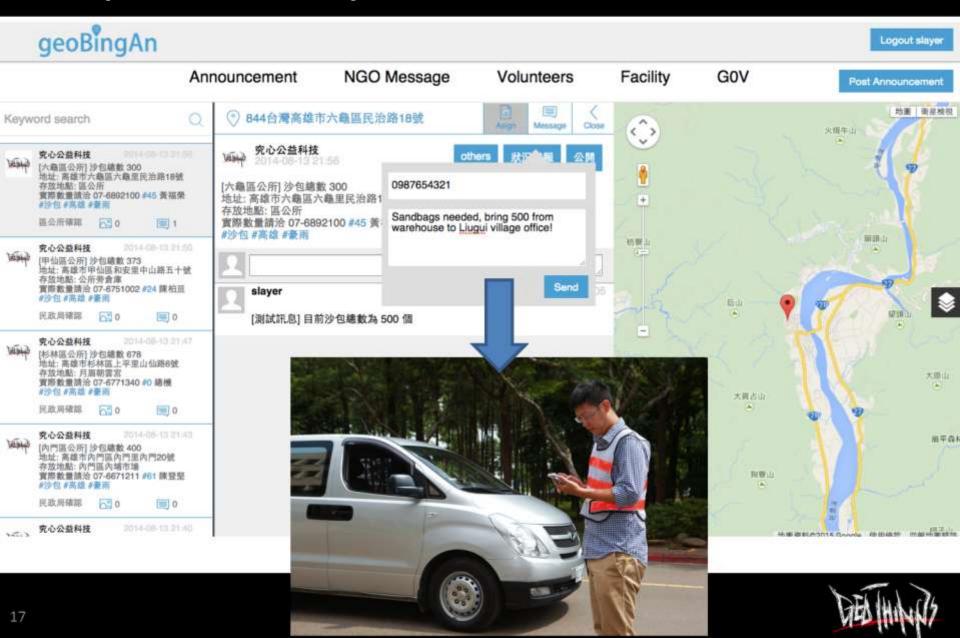




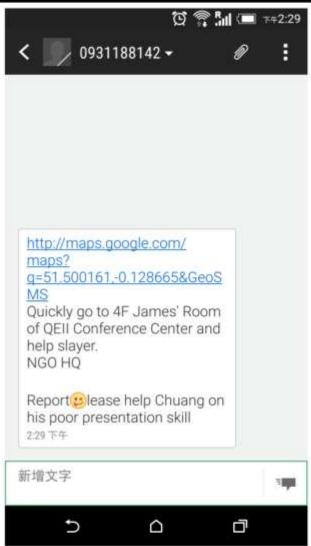




Dispatch the Reported Event as Task



OGC Open GeoSMS (ITU Q.3615) with OSM

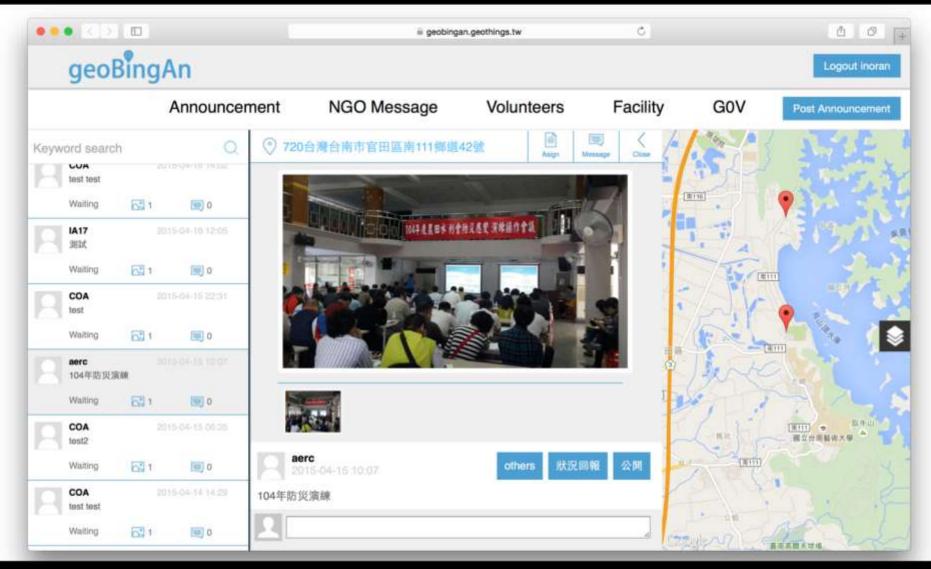






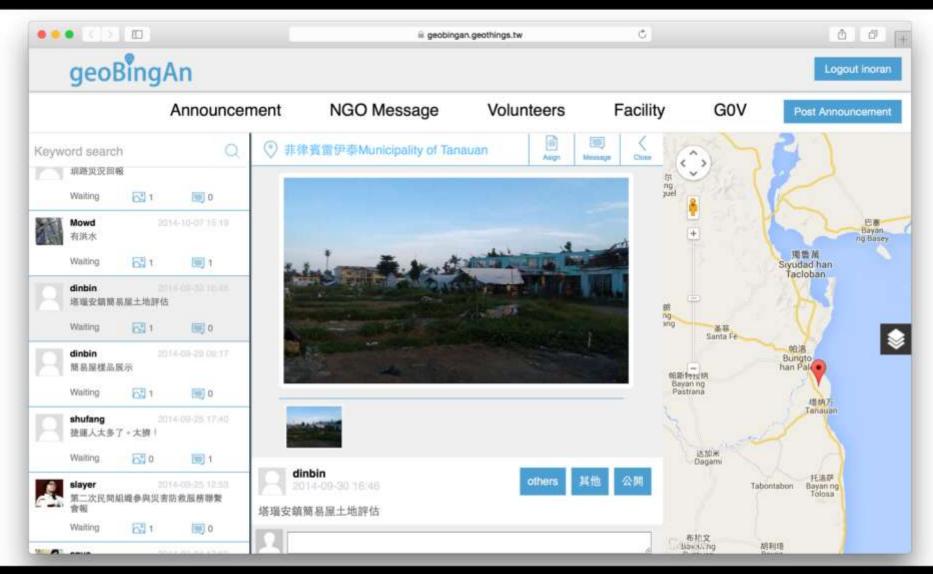


Use Case: Water Gate Monitoring





Use Case: Temporary Home Location Evaluation







@GeoThingsTW slayer@geothings.tw