



Nationwide Operational Assessment of Hazards

菲律宾国家级灾害风险评估行动



Project NOAH is DOST's flagship DRRM response to put in place a responsive disaster prevention and mitigation program.

We do this by:

- Providing high-resolution hazard maps for Floods, Landslides and Storm Surges
- Delivering a near real-time warning system for floods for communities living along 18 major river systems



Project NOAH 是 **DOST 科学技术部门** 减防灾风
险管理旗舰

We do this by:

- 为洪水、山体滑坡和风暴潮提供高分辨率灾害图
- 为临近18大水系的社区提供洪水实时预警系统



菲律宾国家级灾害风险评估行动 - 主页

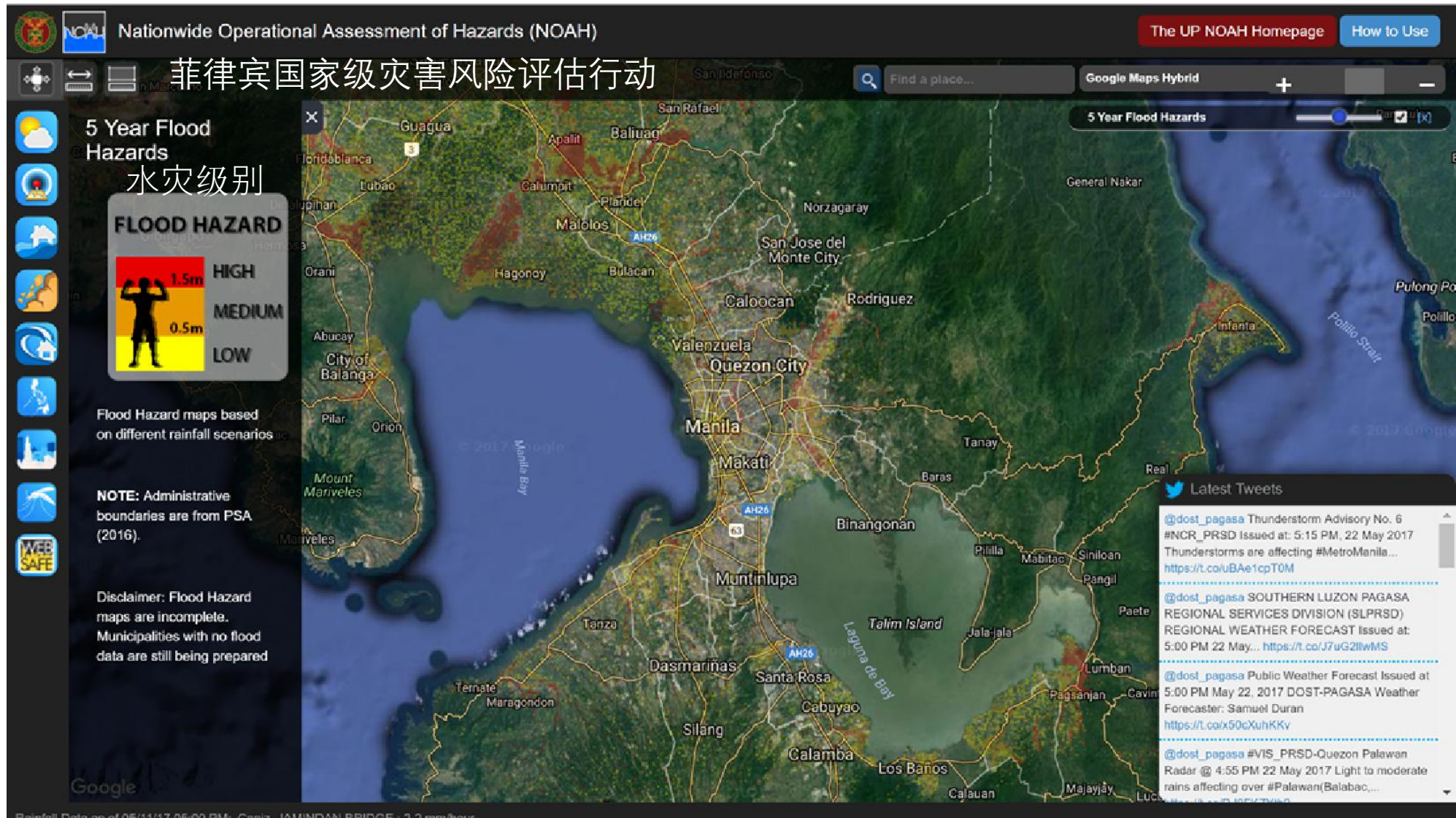
洪水
山体滑坡
风暴潮



Latest Tweets

- @dost_pagasa Thunderstorm Advisory No. 6 #NCR_PRSD Issued at: 5:15 PM, 22 May 2017 Thunderstorms are affecting #MetroManila... <https://t.co/uBAe1cpT0M>
- @dost_pagasa SOUTHERN LUZON PAGASA REGIONAL SERVICES DIVISION (SLPRSD) REGIONAL WEATHER FORECAST Issued at: 5:00 PM 22 May... <https://t.co/J7uG2llwMS>
- @dost_pagasa Public Weather Forecast Issued at 5:00 PM May 22, 2017 DOST-PAGASA Weather Forecaster: Samuel Duran <https://t.co/x50cXuhKKv>
- @dost_pagasa #VIS_PRSD-Quezon Palawan Radar @ 4:55 PM 22 May 2017 Light to moderate rains affecting over #Palawan(Balabac,...

在一个5年一遇的洪水中, 不同地方的水灾级别



SEARCH

Enter a location



LANDSLIDE HAZARD

- NO DWELLING ZONE
- Build only with Slope protection and intervention; and continuous monitoring
- Build only with continuous monitoring

Hazard map showing unstable slopes and landslide extent
NOTE: LANDSLIDE MAPS ARE BEING UPDATED. PLEASE BEAR WITH US

NOTE: Administrative boundaries are from NSO (2015).

Disclaimer: Long-runout landslides (debris avalanches) are not included in the landslide hazard maps

YOLANDA SPECIAL

HOW TO CITE

DOWNLOADS

TOOLS

LEGEND

BLOG

ABOUT

HELP

REPORT A FLOOD

OTHER OUTLOOK

Select layer

DOPPLER

Select layer

WEATHER STATIONS

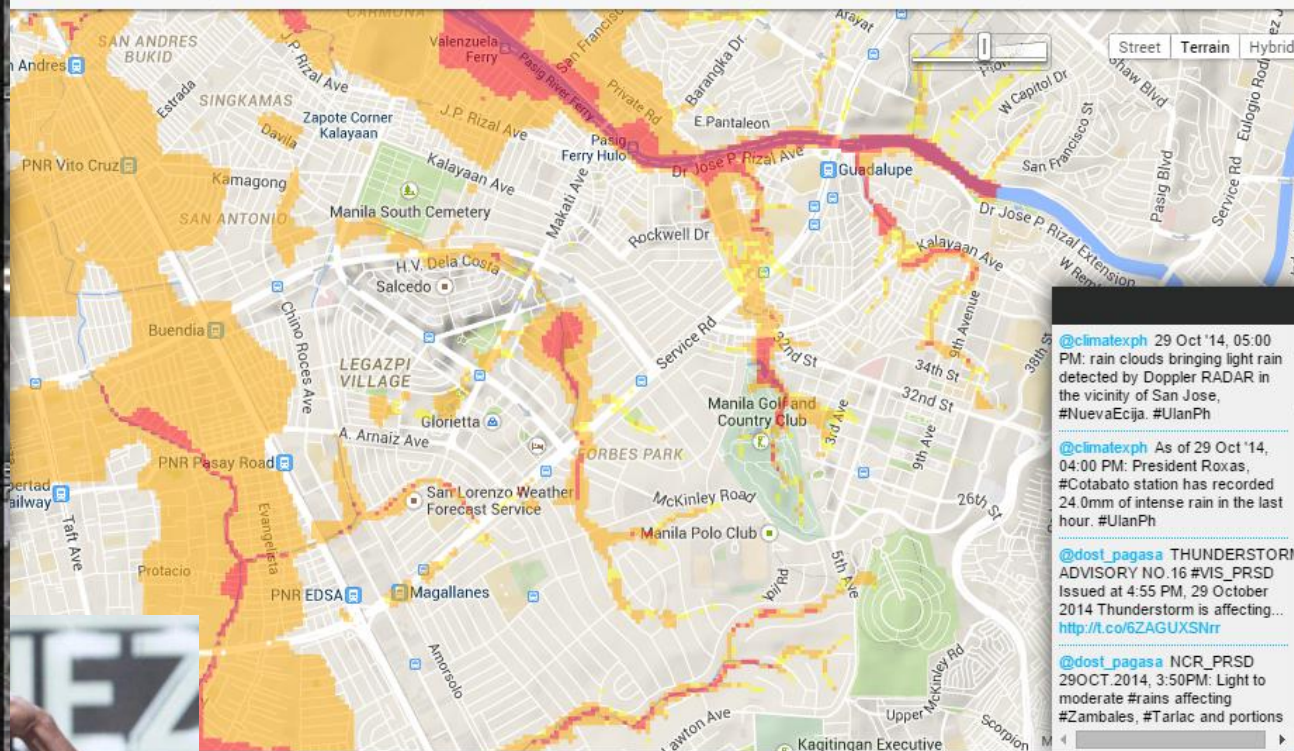
Select layer

FLOOD MAP

Makati

HEALTH

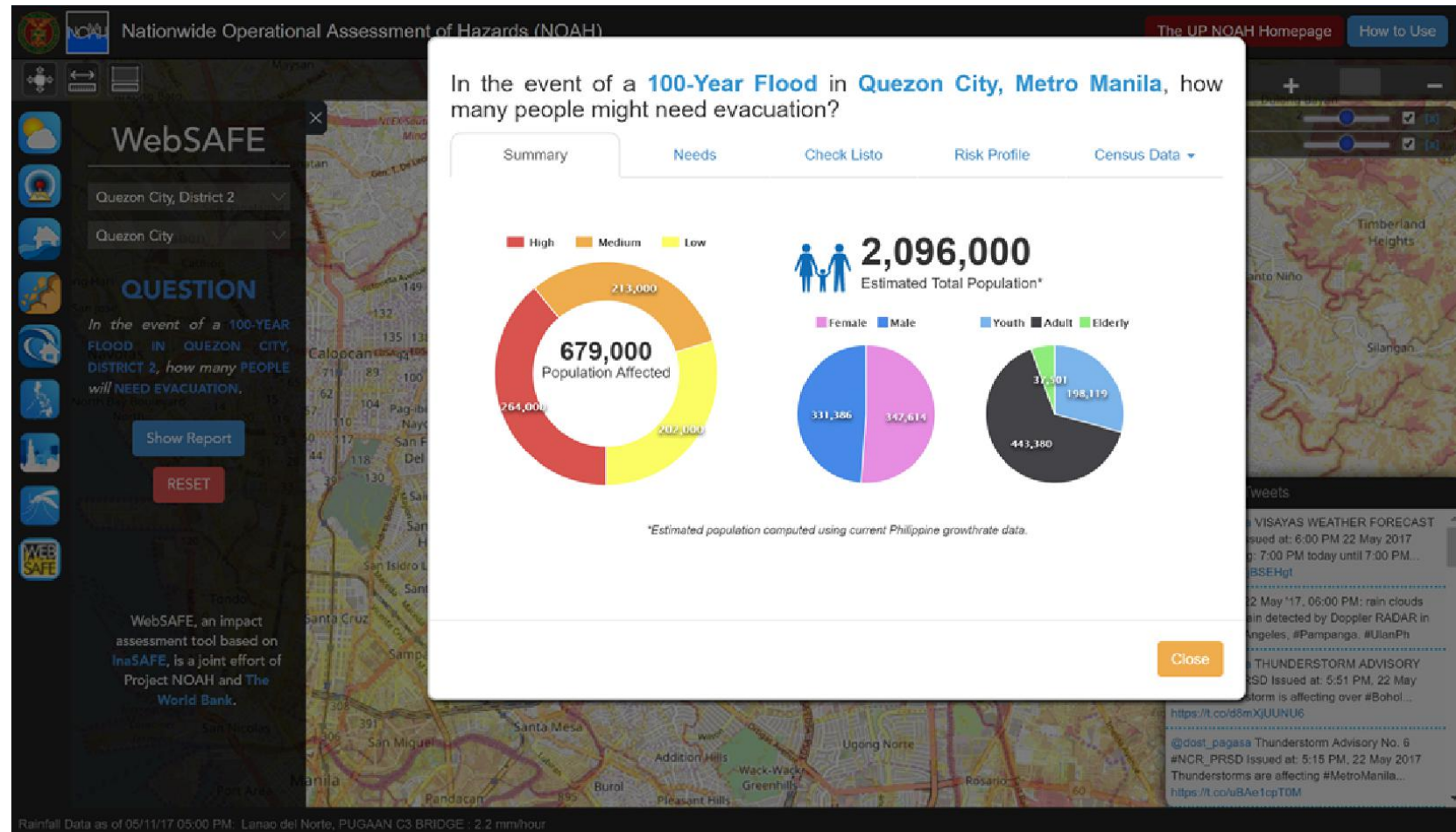
Select layer



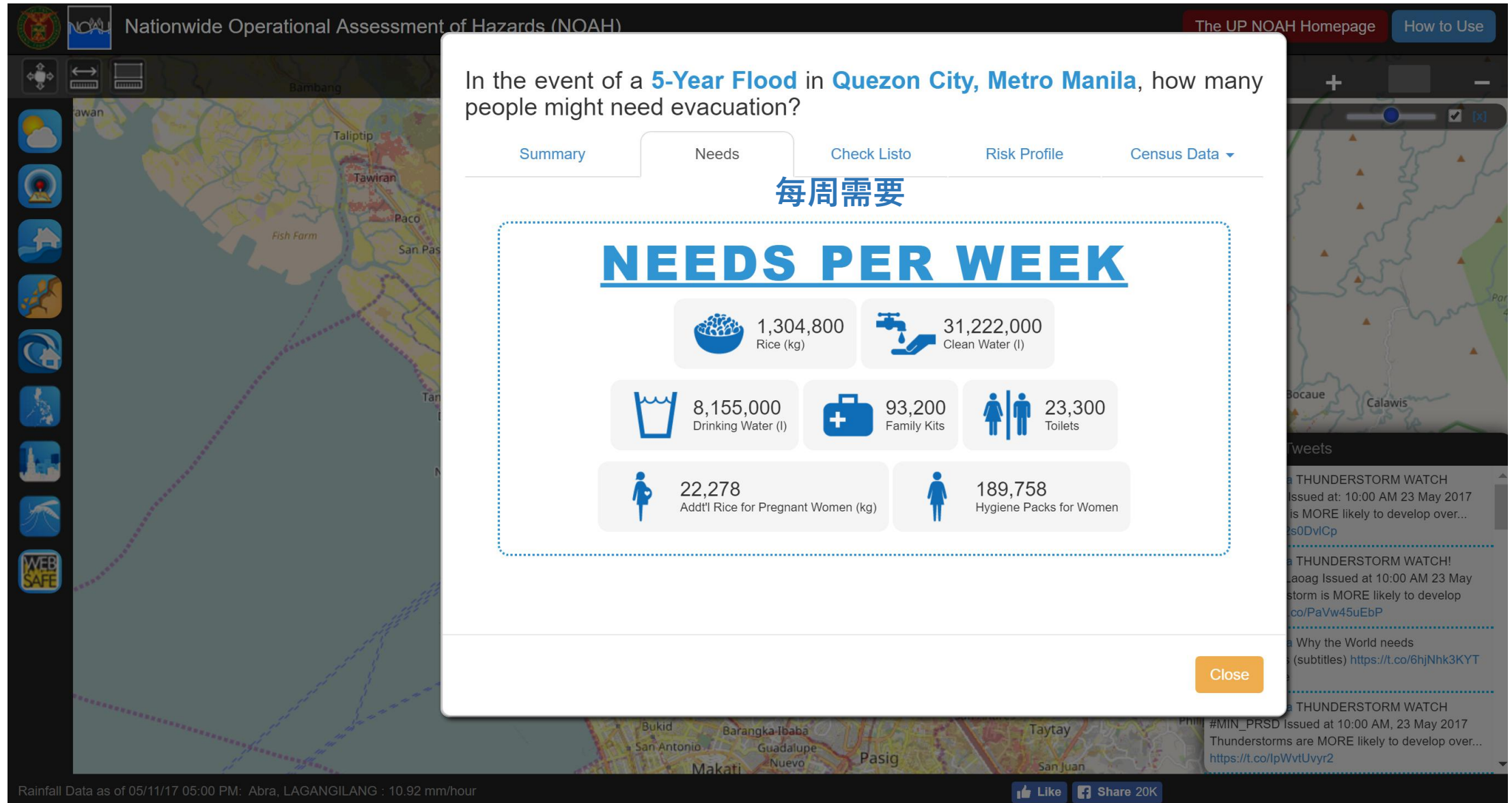
在一个5年一遇的洪水中，
不同地方的水灾级别

在一个百年一遇的洪水中, 马尼拉有多少人需要撤离

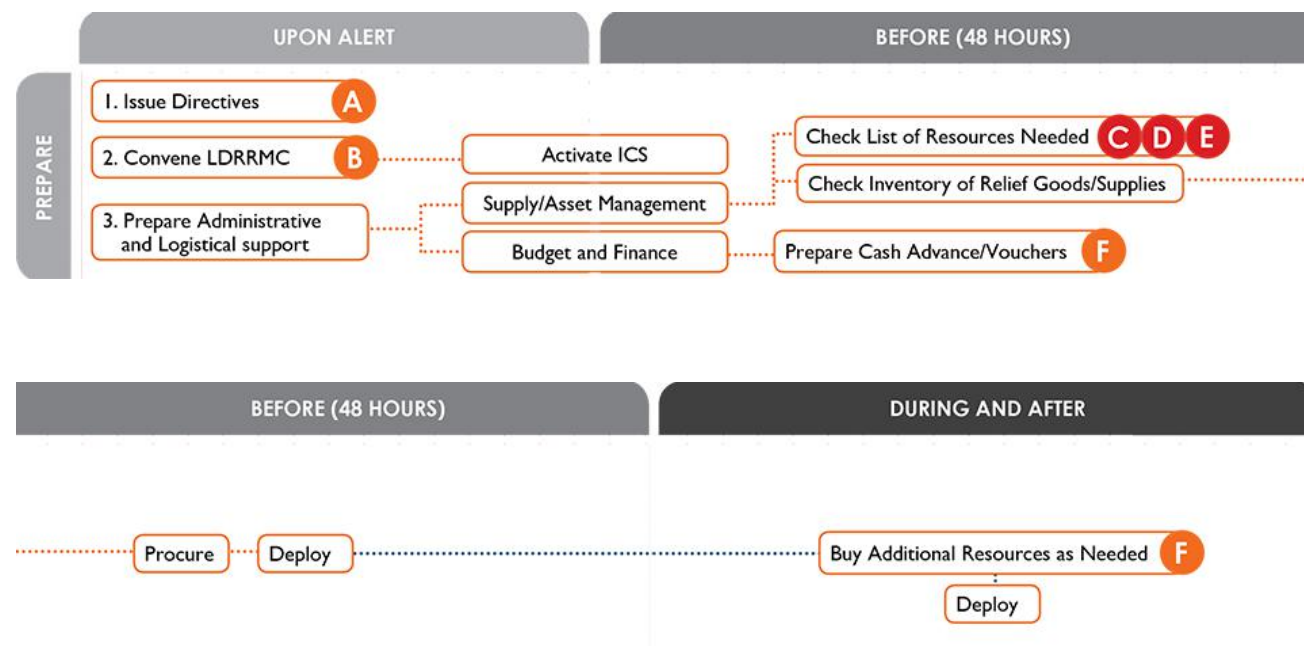
概要



马尼拉有多少人需要撤离,每周需要



在危机不同阶段的跨部门合作与决策过程: 清单



风险概观

In the event of a **5-Year Flood** in **Quezon City, Metro Manila**, how many people might need evacuation?

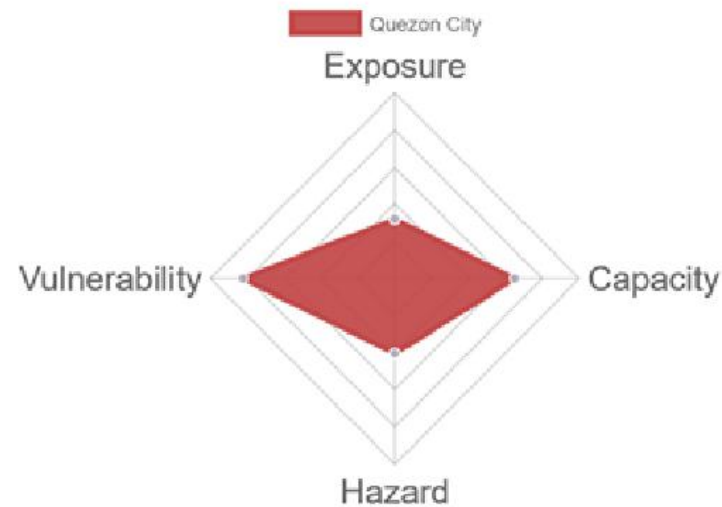
Summary

Needs

Check List

Risk Profile

Census Data ▾



Close

Tweets

REGIONAL WEATHER

#NCR_PRSD Issued at: 6:00 PM,
Valid Beginning: 6:00 PM today -
<https://t.co/DwesmegrmC>

VIS_PRSD-Iloilo Radar @6:03PM
light to moderate rains affecting over
bunag, San Lorenzo)...
[DzQkh4sD](https://t.co/DzQkh4sD)

VISAYAS WEATHER FORECAST
Issued at: 6:00 PM 22 May 2017
Valid Beginning: 7:00 PM today until 7:00 PM...
<https://t.co/InYJBSEHgt>

@climatexp 22 May '17, 06:00 PM: rain clouds
bringing light rain detected by Doppler RADAR in
the vicinity of Angeles. #Pampanga. #UlanPh

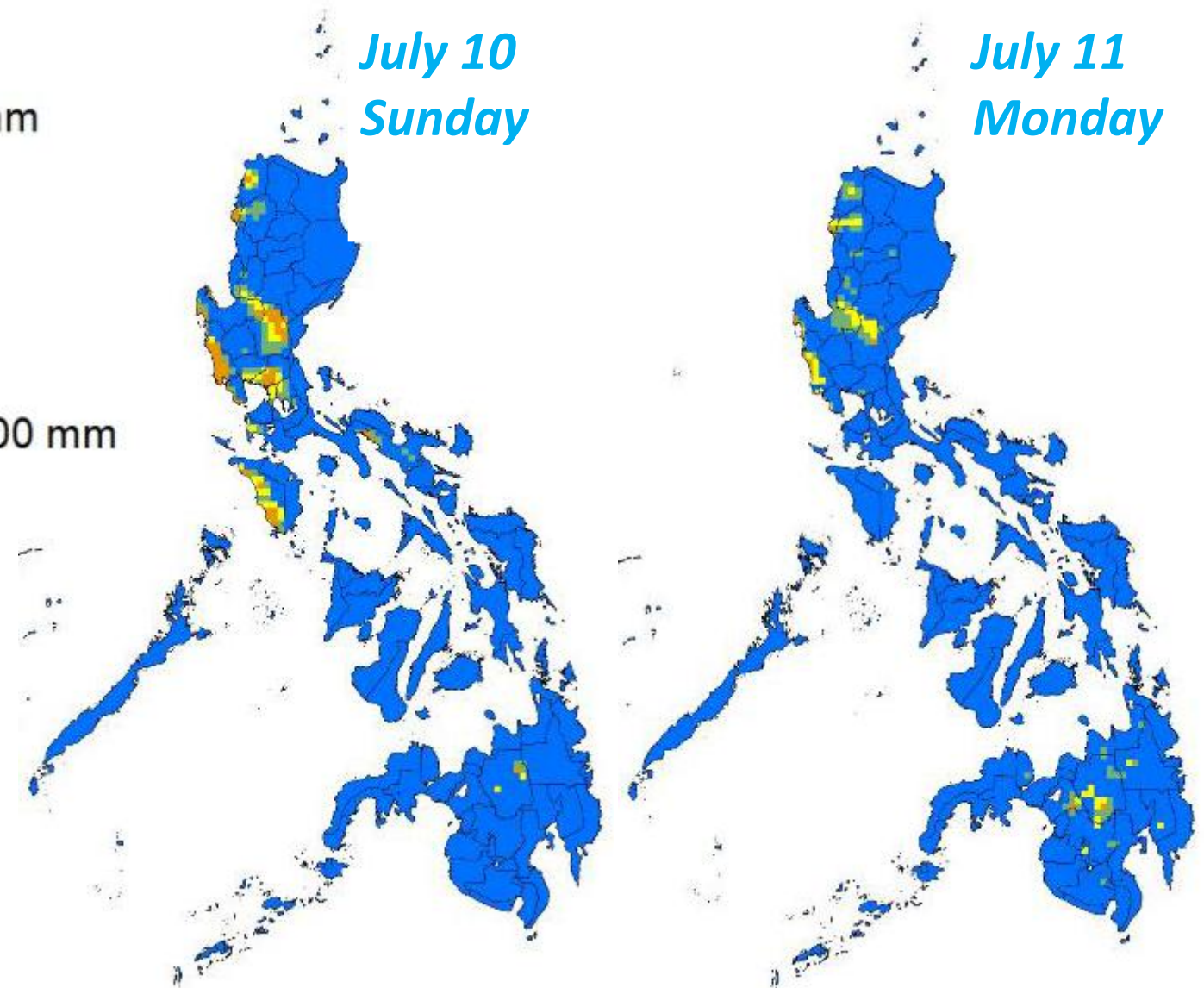
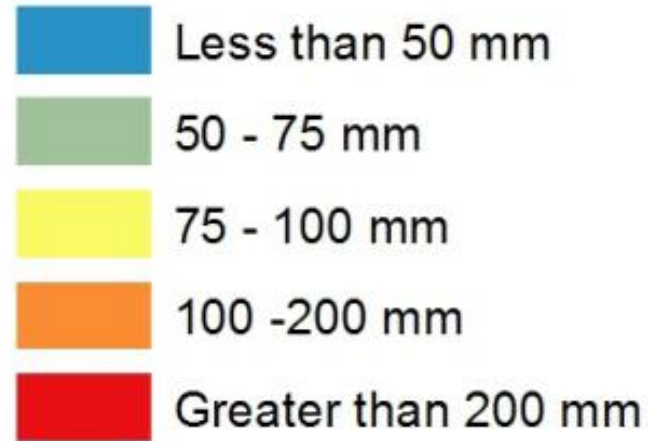
人口普查数据

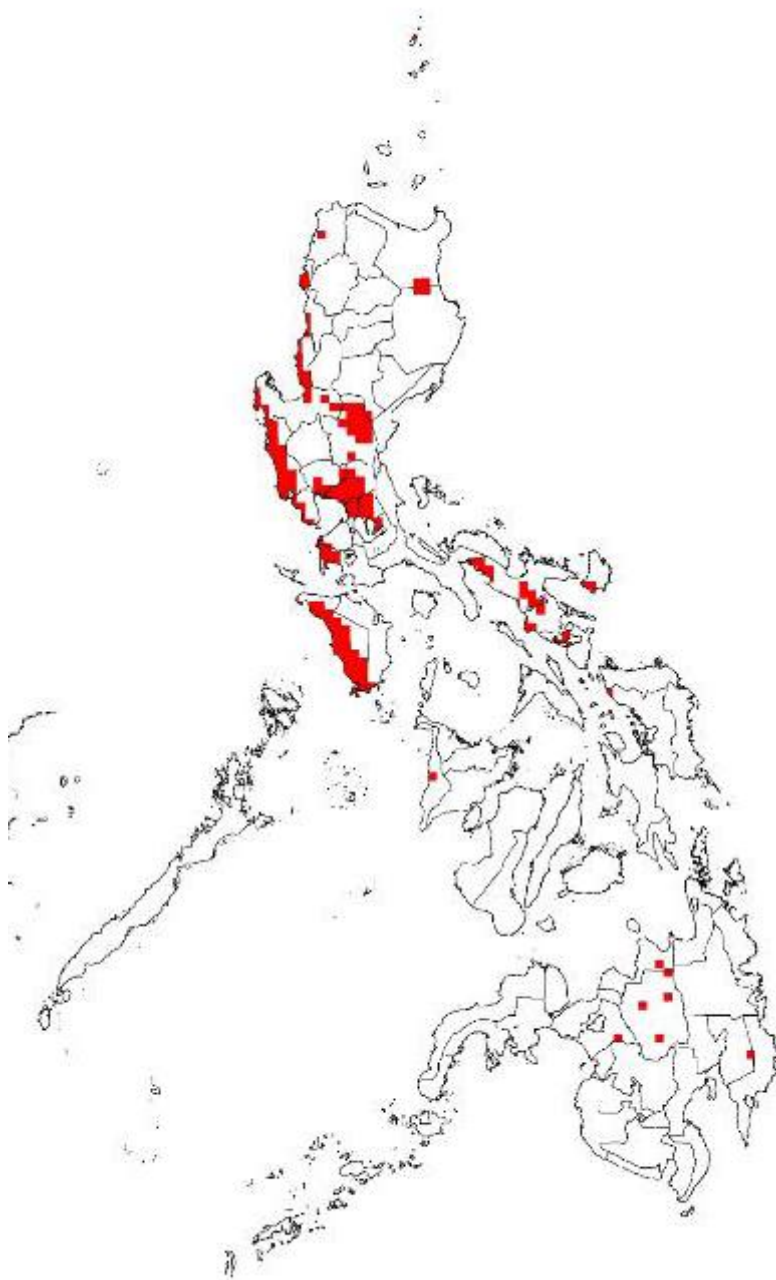
In the event of a **5-Year Flood** in **Quezon City, Metro Manila**, how many people might need evacuation?



Rainfall Data as of 05/11/17 05:00 PM: Capiz, JAMINDAN BRIDGE : 2.2 mm/hour

NOAH-WISE 预测降雨量 Accumulated Rainfall Forecast





**AREAS WITH ≥ 100 mm
OF RAIN THAT MAY
TRIGGER LANDSLIDES &
FLOODS**

**超过100mm雨量会引起
山体滑坡和泥石流的地区**

282

Municipalities in

13 regions

*Based on
NOAH-WISE Simulations*

EXPOSURE ANALYSIS FOR HEAVY RAINFALL

受暴雨影响的人口

Population (2016 estimate) 人口 (2016)	31,562,241
Number of Households (est.) 预计受影响户	7,112,312

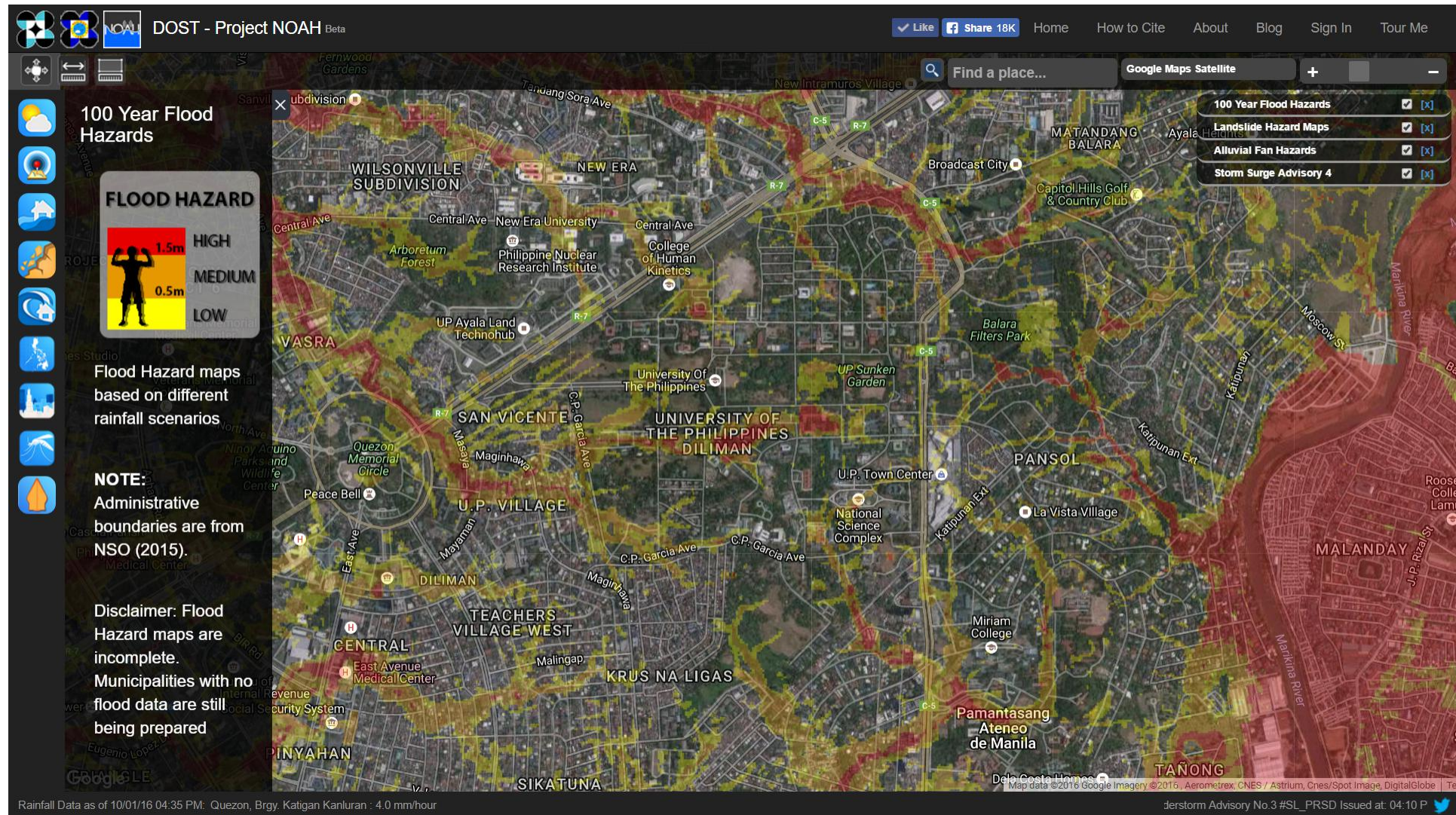
VULNERABILITY ANALYSIS FOR HEAVY RAINFALL

受暴雨影响脆弱人群的分析

Poor Households (2016) 贫困户 (2016)	718,471
Poor Families (2016) 贫困家庭 (2016)	799,799
Poor Individuals 贫困个人	4,190,395

Know the Hazards around your area

认识你周边的灾害点



<http://noah.dost.gov.ph>

<http://blog.noah.dost.gov.ph>



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