

SAIPAN STRONG

THE ROLE OF MAPS IN DISASTER RECOVERY

THIS IS WHERE I LIVE

The island of Saipan in the western Pacific



MORE SPECIFICALLY HERE

Kannat Gardens Apartments



THEN THIS HAPPENED

Typhoon Soudelor

August 2, 2015



ISLAND-WIDE DEVASTATION

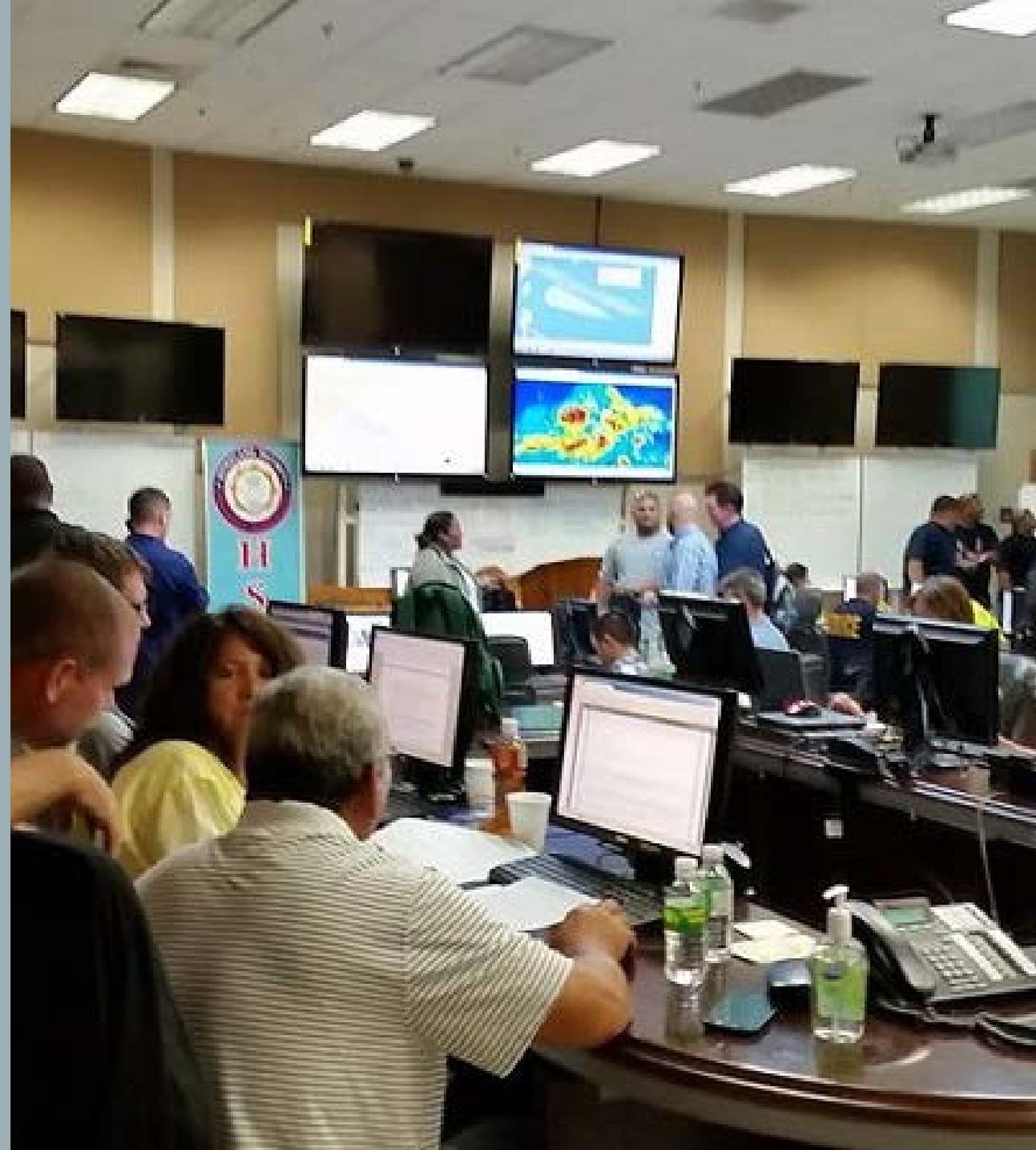
Loss of homes, businesses and crippled
infrastructure – water, electricity,
transportation

No loss of life!



FROM COASTAL GIS TO DISASTER RECOVERY

How do you help coordinate efforts between local and federal government, military, NGOs and volunteers?



ARCGIS ONLINE ORGANIZATION

- One stop for map and data creation, publishing and sharing



Public Information and Assistance Apps



Saipan Strong - Scenes from the Typhoon Soudelor



The Soudelor Struggle



Typhoon Public Assistance Stations



Current Fuel Station Status



Water Service Recovery



The Soudelor Struggle



Current Fuel Station Status

EXAMPLES

Public facing and login required

Generators Installed as of 8/18/2015:

F1	
Installed	1.00
BarCode	90,837.00
Seal_kW	100.00
Capacity_Gal	
Hours_50	
Hours_75	
ESN_No	
Origin	
Task_No	
Location	Lift Station S8
POC	

Zoom to Get Directions Edit

Private Sector Impact Assessment: Capitol Hill Market

Village	Capital Hill
Visit Date	August 19, 2015
Route Stop Number	MD 7
Business	Capitol Hill Market
Sector	Grocer
Open?	Yes
Est. Reopen Date	
Commodities Stock	
Attend Bs Recovery Fair?	

Zoom to Get Directions Edit

LESSONS

At least for GIS professionals

- When disaster strikes, call Esri
- Start publishing/sharing layers and maps as soon as possible
- Listen to the needs and determine what maps/apps can be the solution
- Leverage ArcGIS Online groups to share content with appropriate audiences