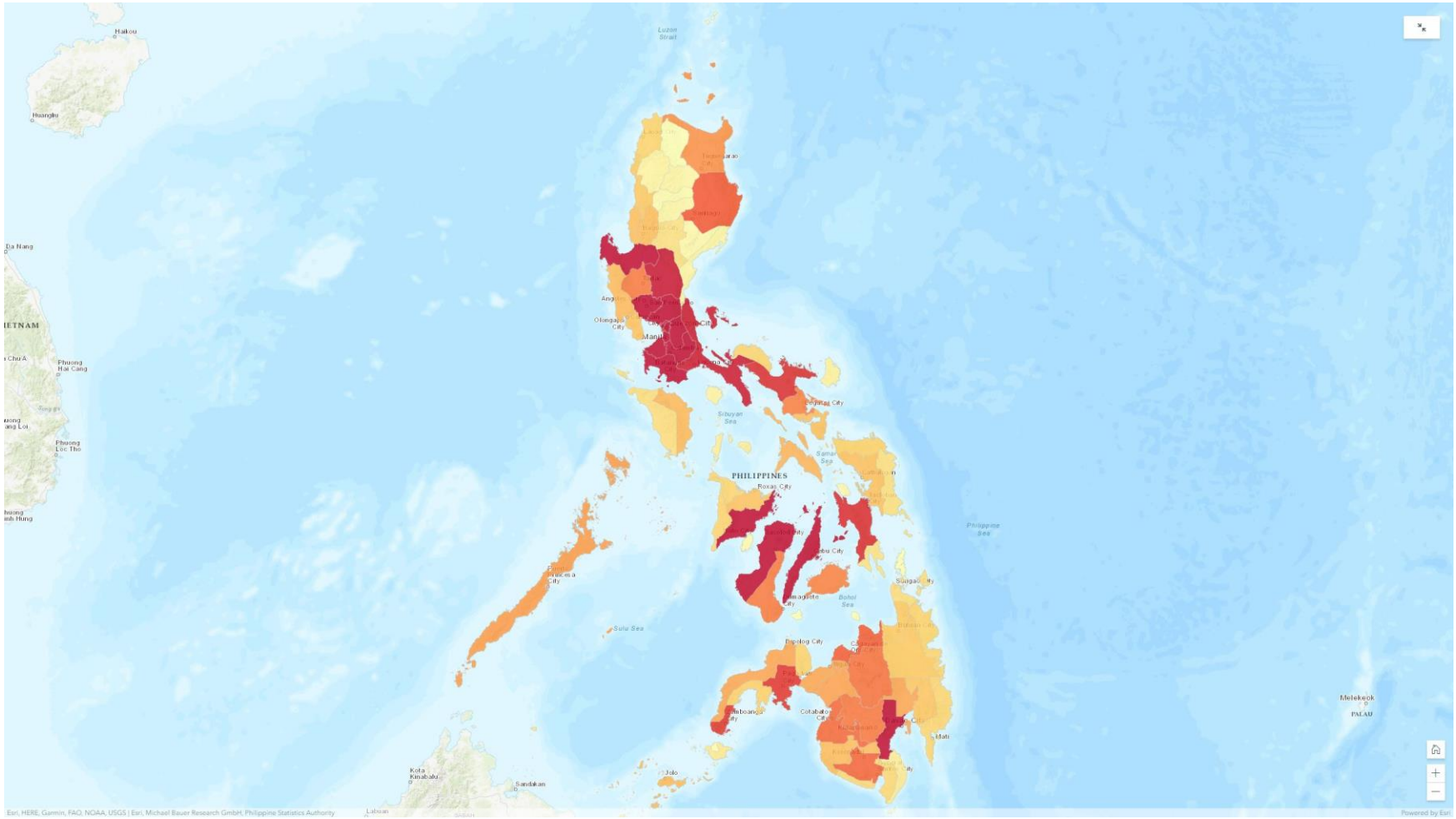
Enhancement of Community Based Early Warning System

Using Vulnerability Capacity Assessment

OPERATIONS CENTER



PHILIPPINE PROFILE

Population: 100M

Philippines is ranked the third in the 2018 World Risk Index of most disaster-prone countries in the world

22 Typhoons every year

24 active volcanoes

Earthquakes

Flooding

Landslide

Conflict

Sea and Aviation Incidents

2013 SUPER TYPHOON HAIYAN

6,300 - Killed

28,688 - injured

1,062 - missing

3,424,593 - affected families

16,078,181 - affected persons

1,140,332 - total number of damaged houses

$2B - total cost of damage

OPERATIONS CENTER

Old Operations Center in Port Area Manila

Manpower: 6

Computers: 3.5 ;)

Slow Internet Connection

Call Center Type

OPERATIONS CENTER

Sen. Richard J. Gordon
Chairman and CEO

OPERATIONS CENTER

2014 Goal:
Modernize the Operations Center and turn it to a full blown Command Center

OPERATIONS CENTER

ASSESSED AREAS
- Tagbilaran
- Loboc
- San Isidro
- Cortez
- Clarin
- Tubigon
- Carmen
- Billiran
- Maribojoc
- Sagbayan
- Buenavista
- Baclayon
- Antiquera
- Loon
- Loay
Mahanay Island
Getafe
Talibon
Pres. Carlos P. Garcia
Buenavista
Trinidad
Ubay
Inabanga
Danao
San Miguel
Clarin
Tubigon
Sagbayan
Cabilao Island
Calape
Catigbian
Chocolate Hills
San Isidro
Candijay
Carmen
Loon
Antequera
Guindulman
Anda
Batuan
Maribojoc
Sikatuna
Duero
Sevilla
Cortes
Corella
Bilar
Tagbilaran
Loboc
Dimiao
Jagna
Baclayon
Garcia Hernandez
Loay
Alburquerque
Valencia
Panglao
Panglao Island
Bohol Island
N

MAPS THEN

The New 24/7 Operations Center

2015 – OPCEN was officially launched in our newly inaugurated PRC Tower, Mandaluyong City. Executive Dashboard Management System was rolled out to the chapters

Manpower: 20

Fully Equipped

OPERATIONS CENTER

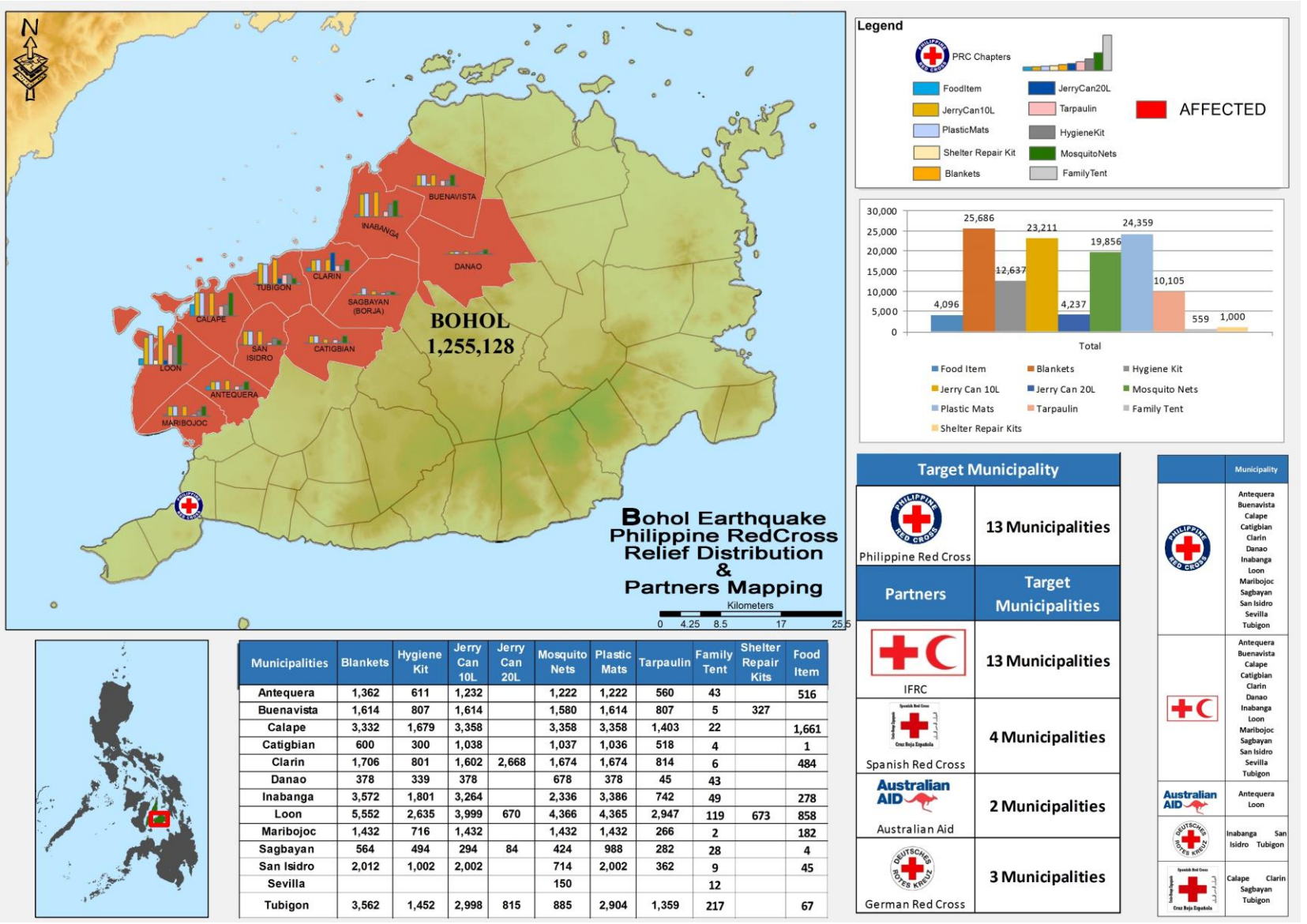
OPERATIONS CENTER

OPERATIONS CENTER

VOLUNTEERS + LOGISTICS + INFORMATION TECHNOLOGY

ALWAYS FIRST • ALWAYS READY • ALWAYS THERE

MAPS NOW



Municipalities	Blankets	Hygiene Kit	Jerry Can 10L	Jerry Can 20L	Mosquito Nets	Plastic Mats	Tarpaulin	Family Tent	Shelter Repair Kits	Food Item
Antequera	1,362	611	1,232		1,222	1,222	560	43		516
Buenavista	1,614	807	1,614		1,580	1,614	807	5	327	
Calape	3,332	1,679	3,358		3,358	3,358	1,403	22		1,661
Catigbian	600	300	1,038		1,037	1,036	518	4		1
Clarin	1,706	801	1,602	2,668	1,674	1,674	814	6		484
Danao	378	339	378		678	378	45	43		
Inabanga	3,572	1,801	3,264		2,336	3,386	742	49		278
Loon	5,552	2,635	3,999	670	4,366	4,365	2,947	119	673	858
Maribojoc	1,432	716	1,432		1,432	1,432	266	2		182
Sagbayan	564	494	294	84	424	988	282	28		4
San Isidro	2,012	1,002	2,002		714	2,002	362	9		45
Sevilla					150			12		
Tubigon	3,562	1,452	2,998	815	885	2,904	1,359	217		67

Target Municipality	
Philippine Red Cross	13 Municipalities

Partners	Target Municipalities
IFRC	13 Municipalities
Spanish Red Cross	4 Municipalities
Australian Aid	2 Municipalities
German Red Cross	3 Municipalities

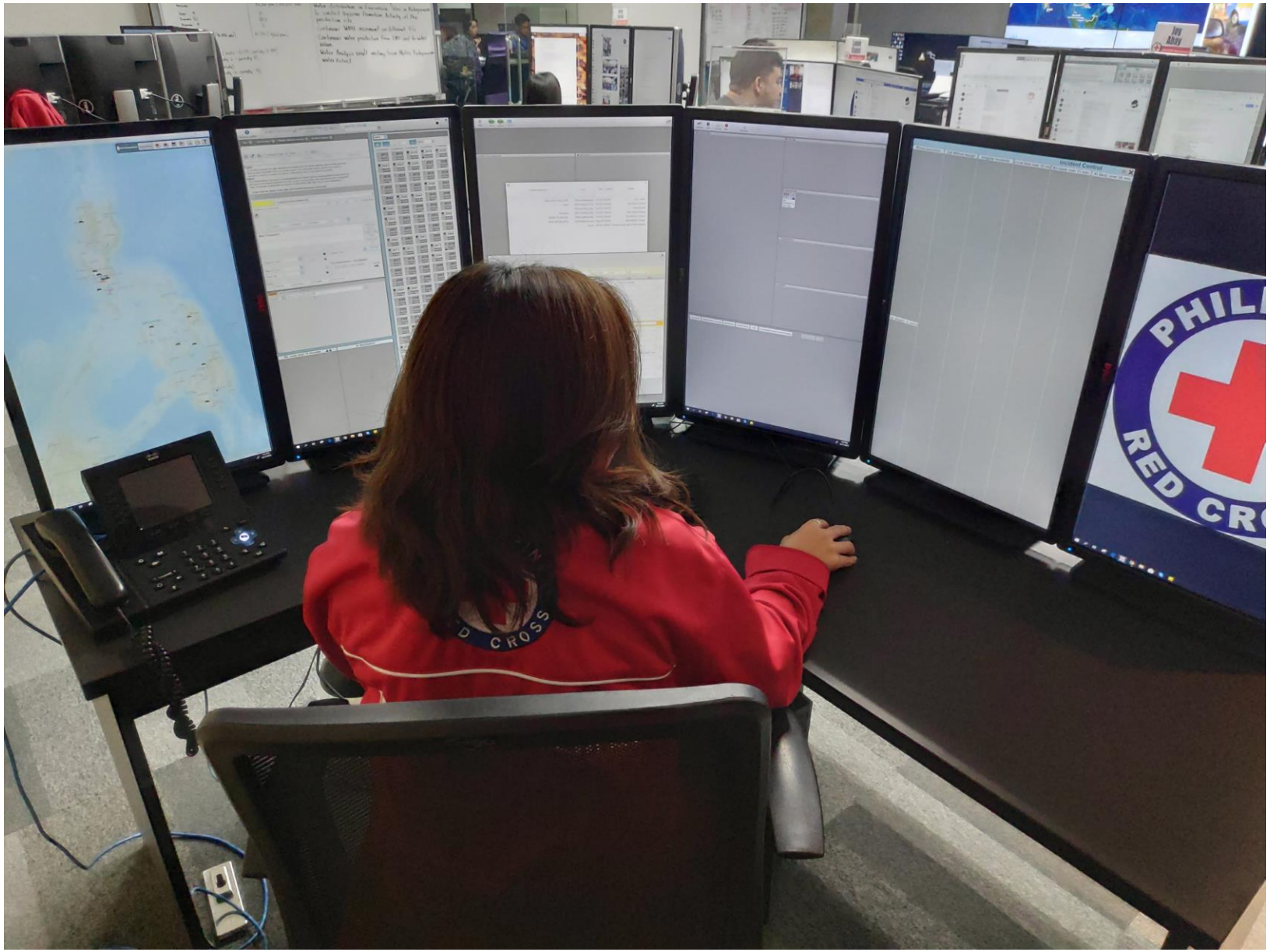
	Municipality
	Antequera Buenavista Calape Catigbian Clarin Danao Inabanga Loon Maribojoc Sagbayan San Isidro Sevilla Tubigon
	Antequera Buenavista Calape Catigbian Clarin Danao Inabanga Loon Maribojoc Sagbayan San Isidro Sevilla Tubigon
Australian AID	Antequera Loon
	Inabanga San Isidro Tubigon
	Calape Clarin Sagbayan Tubigon

Dispatch System

PRC adopted the dispatch system use by Magen David Adom (MDA)

OPERATIONS CENTER

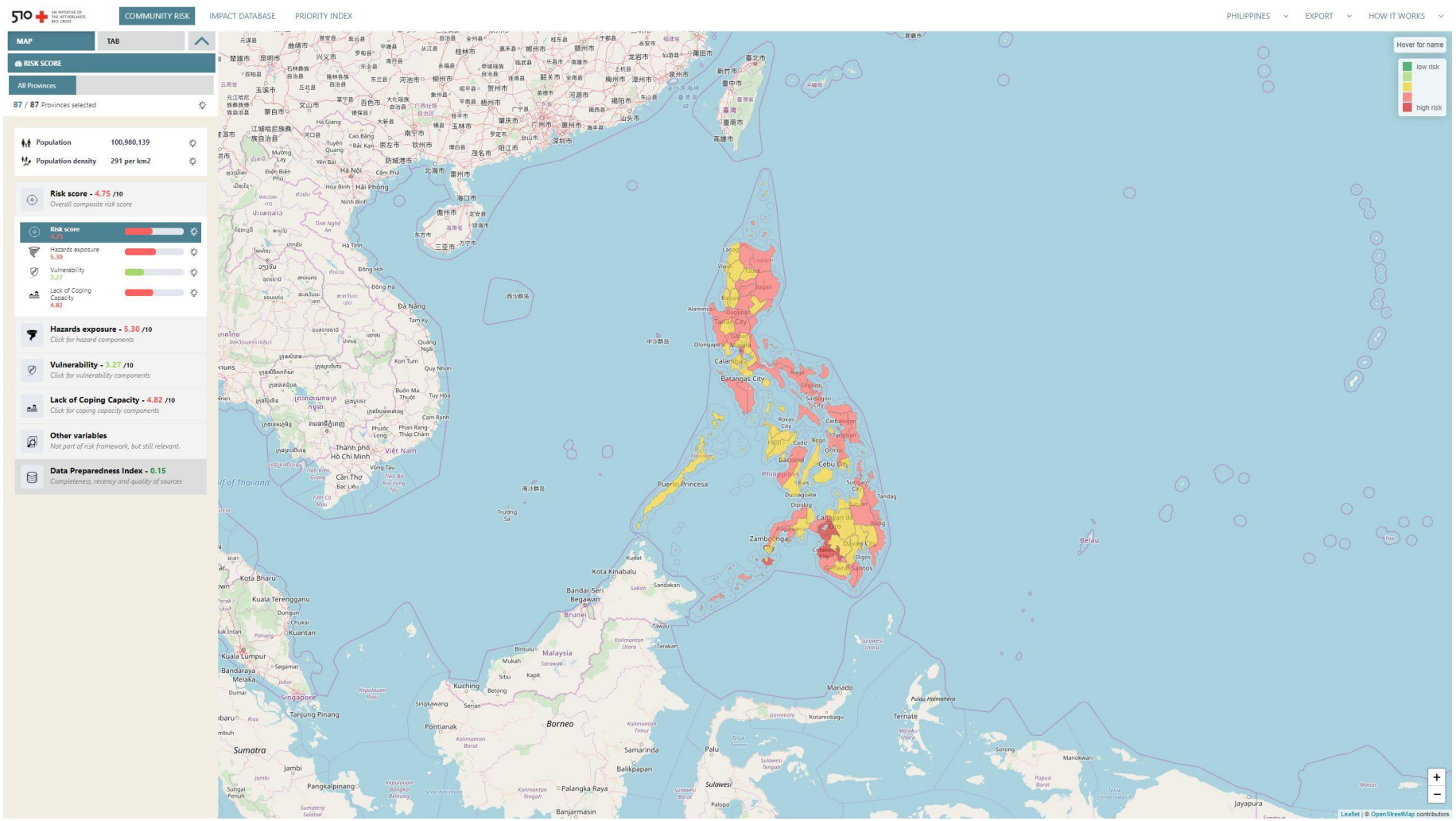
Dispatcher



OPERATIONS CENTER

OPERATIONS CENTER

Forecast Based Financing

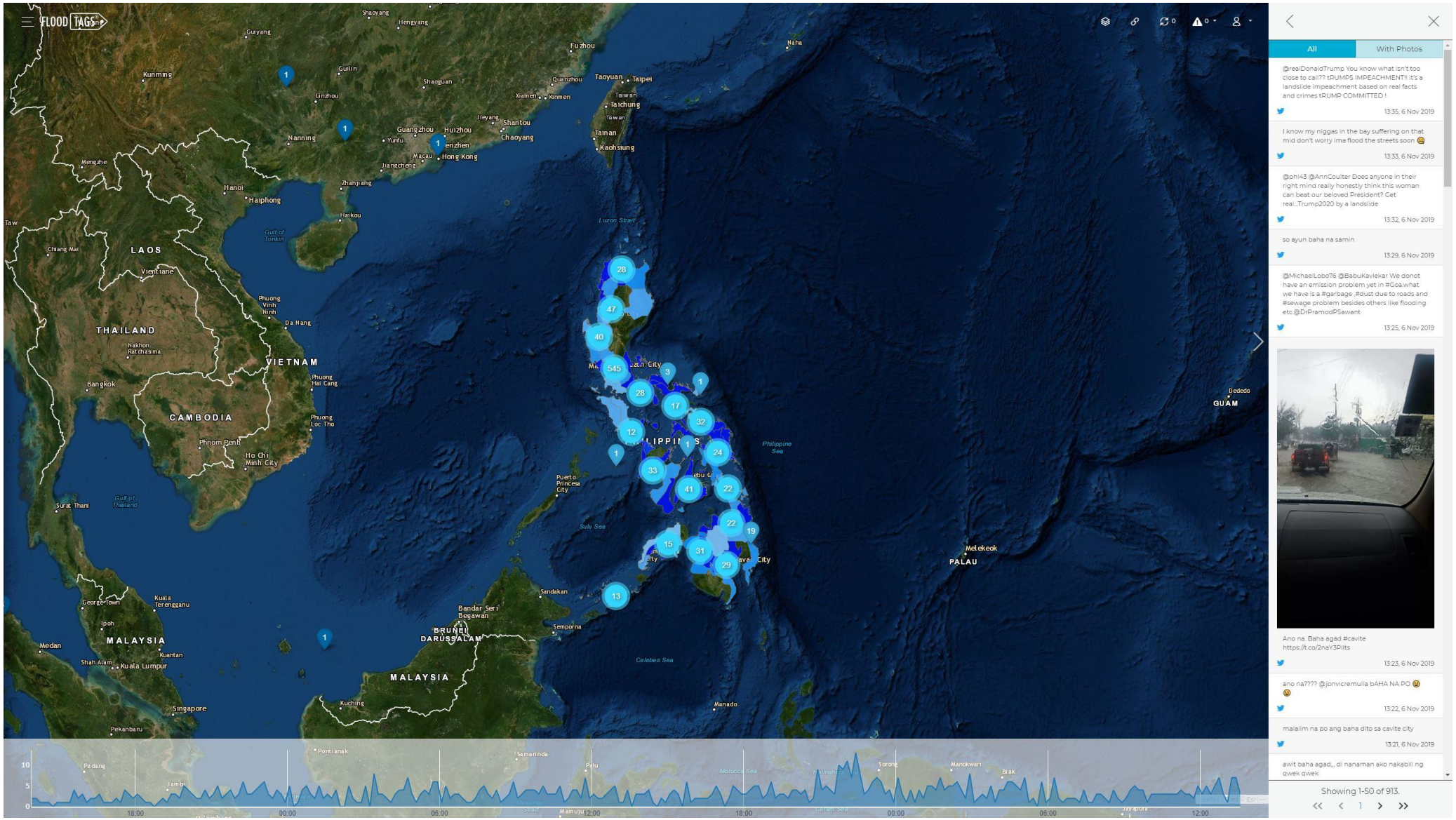


Floodtags

OPERATIONS CENTER

PHILIPPINE RED CROSS

OPERATIONS CENTER



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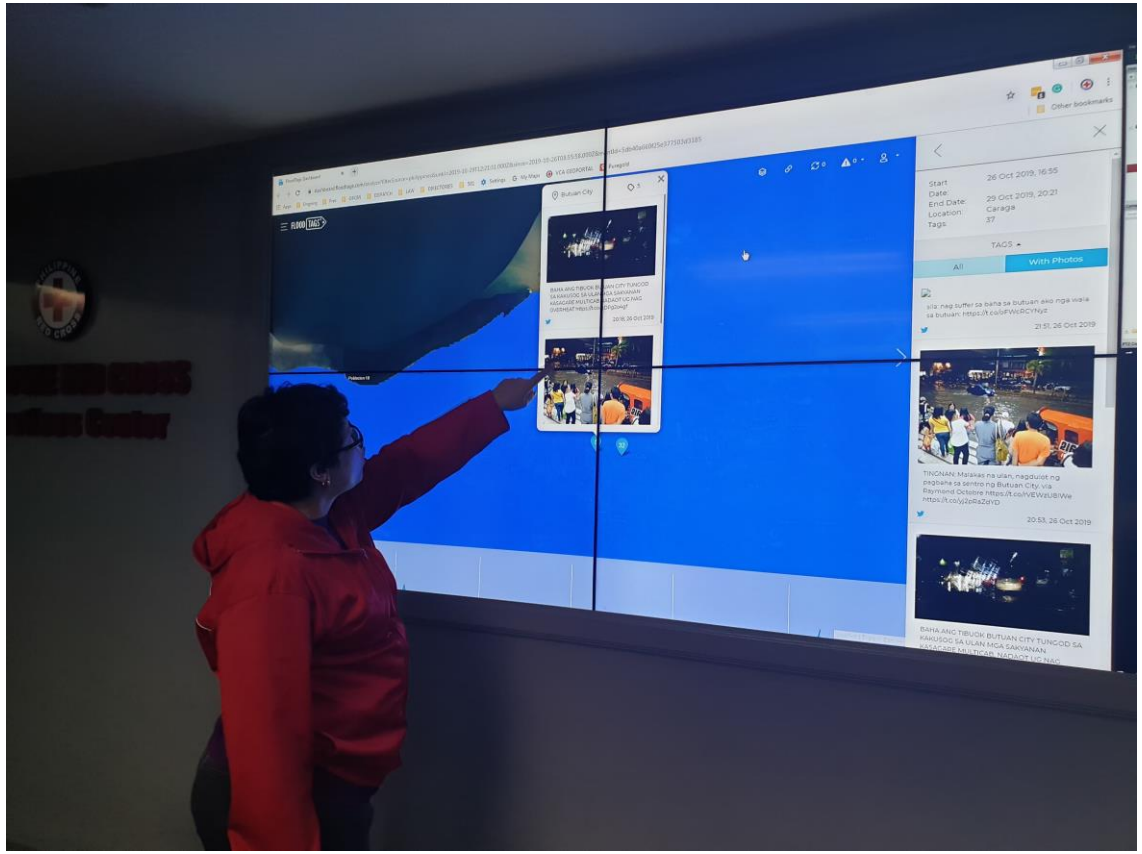
OPERATIONS CENTER



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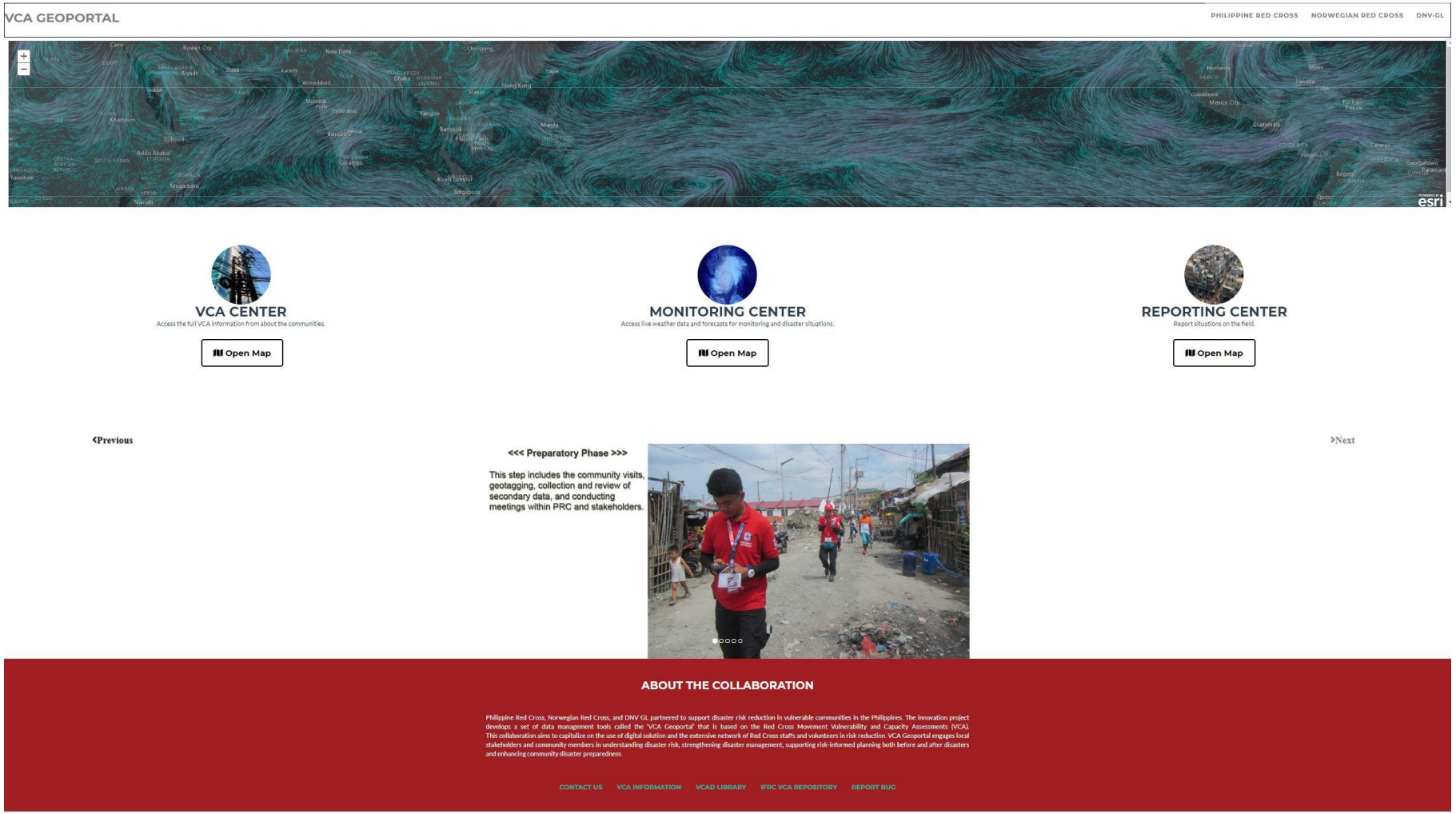
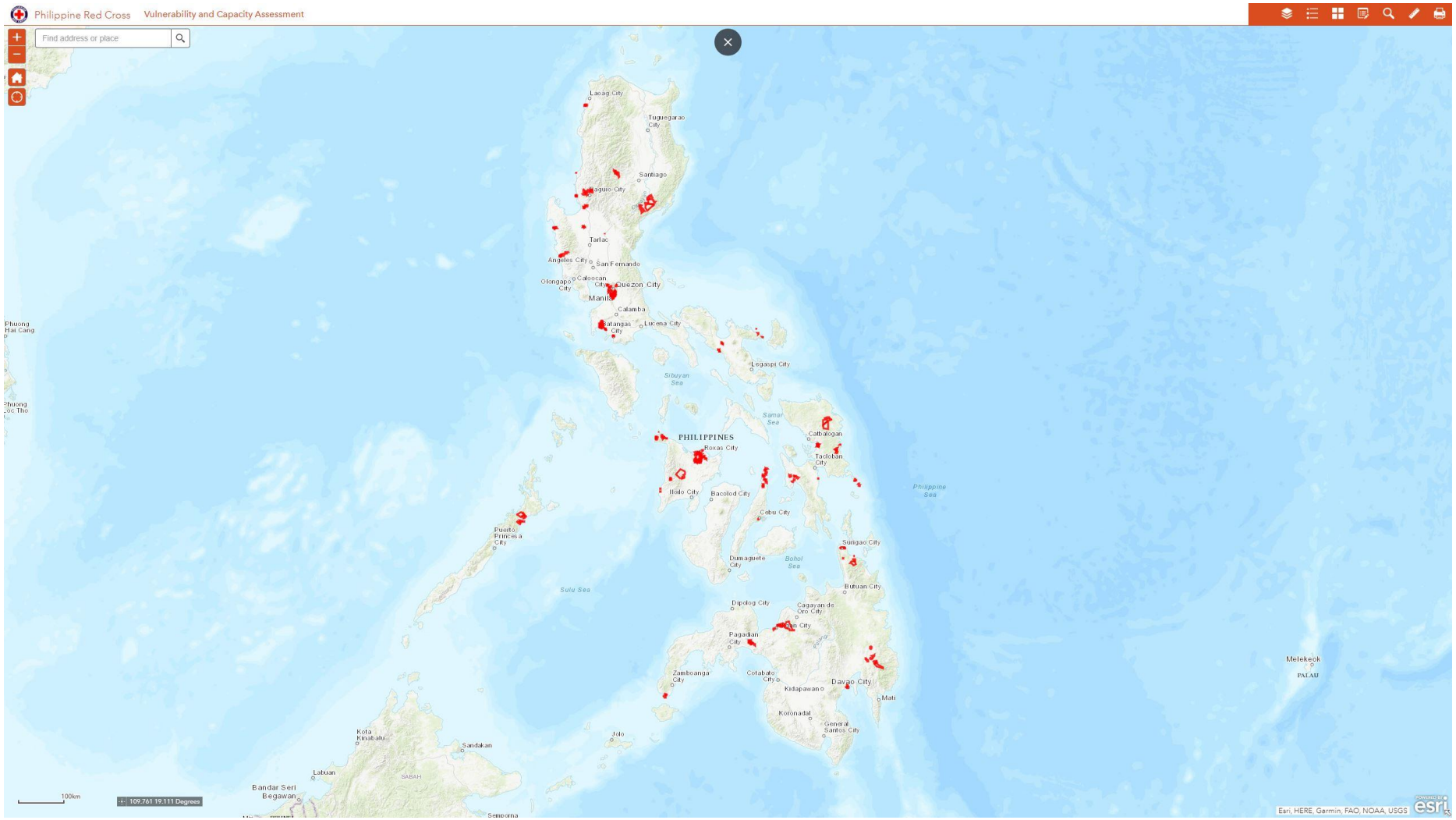
VCA GEOPORTAL



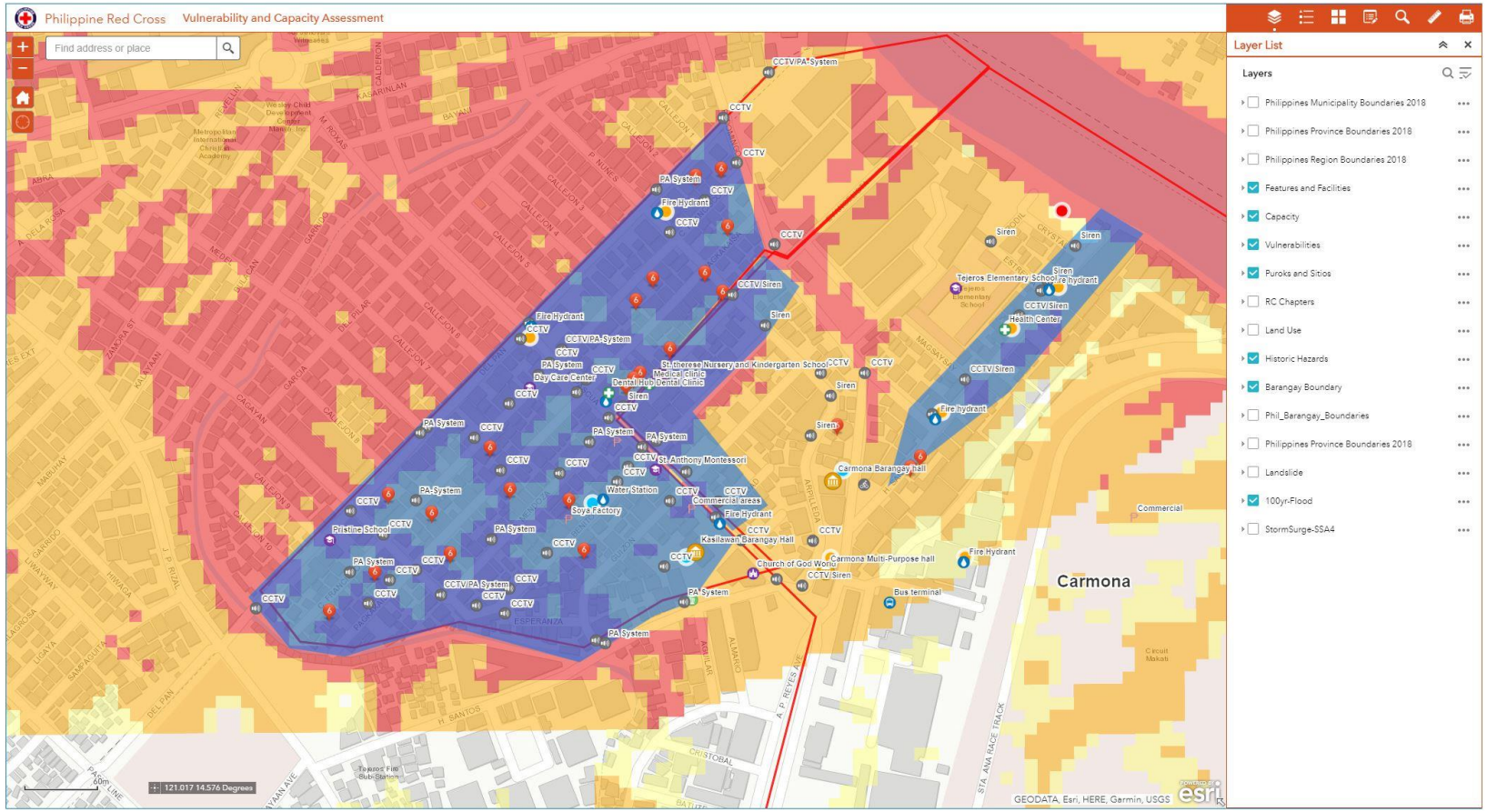
VCA CENTER


Philippine Red Cross
Vulnerability and Capacity Assessment
Find address or place
PHILIPPINES
Manila
Quezon City
Laoag City
Tuguegarao City
Santiago
Baguio City
Tarlac
Angeles City
San Fernando
Olongapo City
Caloocan City
Calamba
Batangas City
Lucena City
Legaspi City
Roxas City
Iloilo City
Bacolod City
Cebu City
Puerto Princesa City
Dumaguete City
Surigao City
Butuan City
Dipolog City
Cagayan de Oro City
Iligan City
Pagadian City
Zamboanga City
Cotabato City
Kidapawan
Davao City
Koronadal
General Santos City
Kota Kinabalu
Sandakan
Labuan
Bandar Seri Begawan
Jolo
Melekeok
PALAU
Sulu Sea
Sibuyan Sea
Samar Sea
Bohol Sea
Philippine Sea
100km
109.761 19.111 Degrees
Esri, HERE, Garmin, FAO, NOAA, USGS
esri

OPERATIONS CENTER

VCA GEOPORTAL - HOME

PHILIPPINE RED CROSS NORWEGIAN RED CROSS DNV·GL



Mapillary | Analytics Dashboard | VCA Glossary | VCAD Library | Report Bug

OPERATIONS CENTER

VOLUNTEERS + LOGISTICS + INFORMATION TECHNOLOGY

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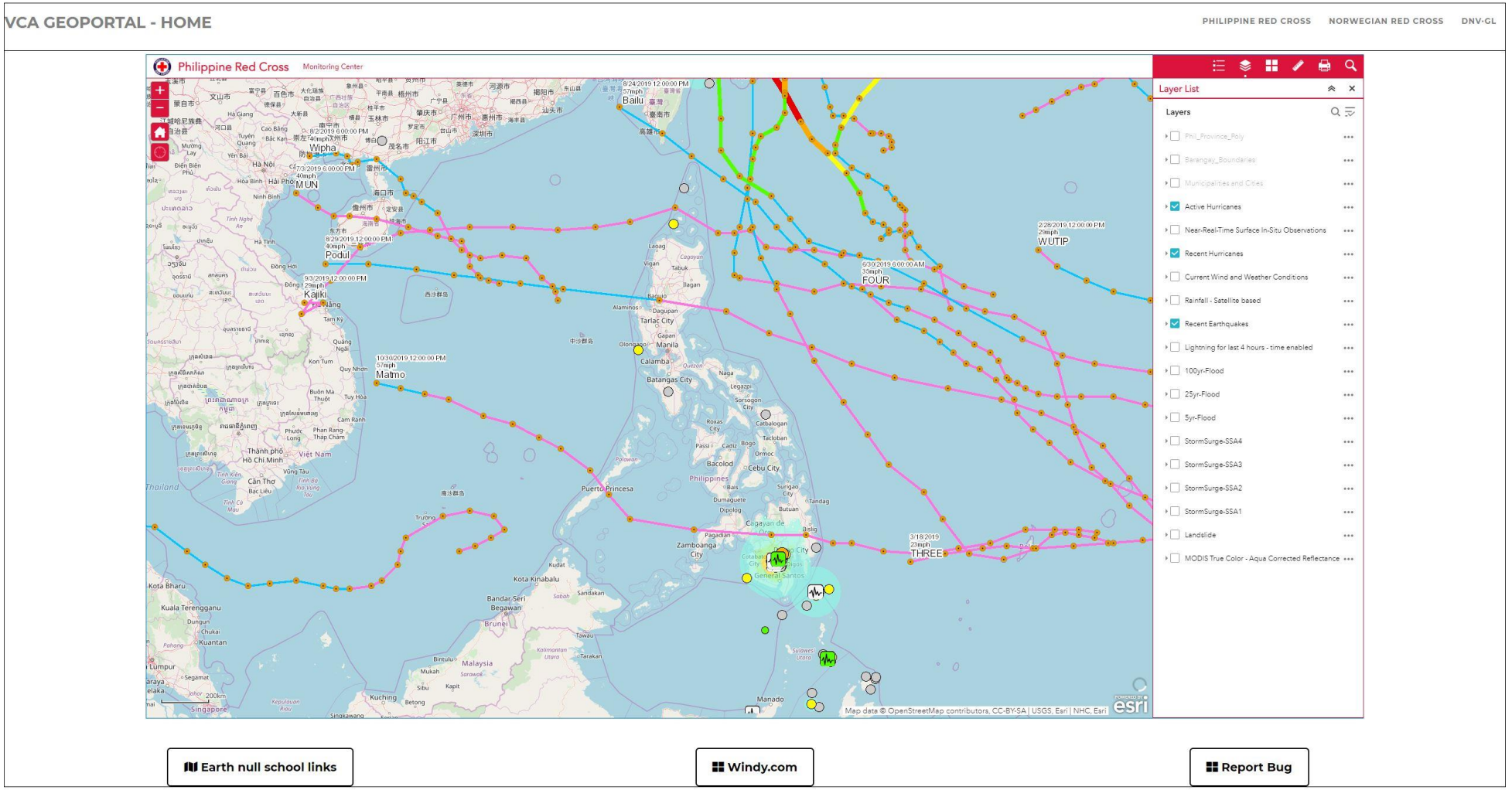
MONITORING CENTER



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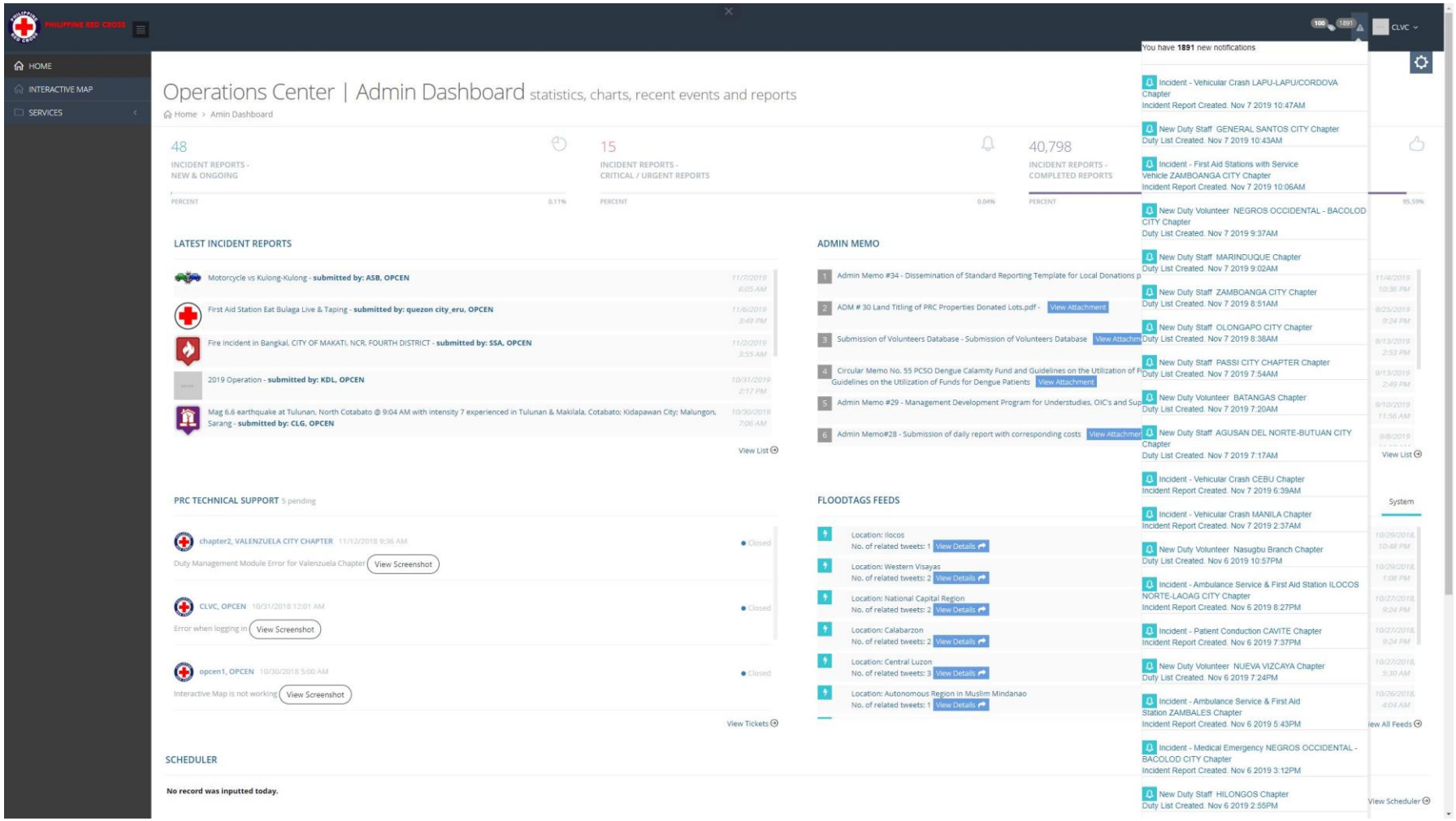
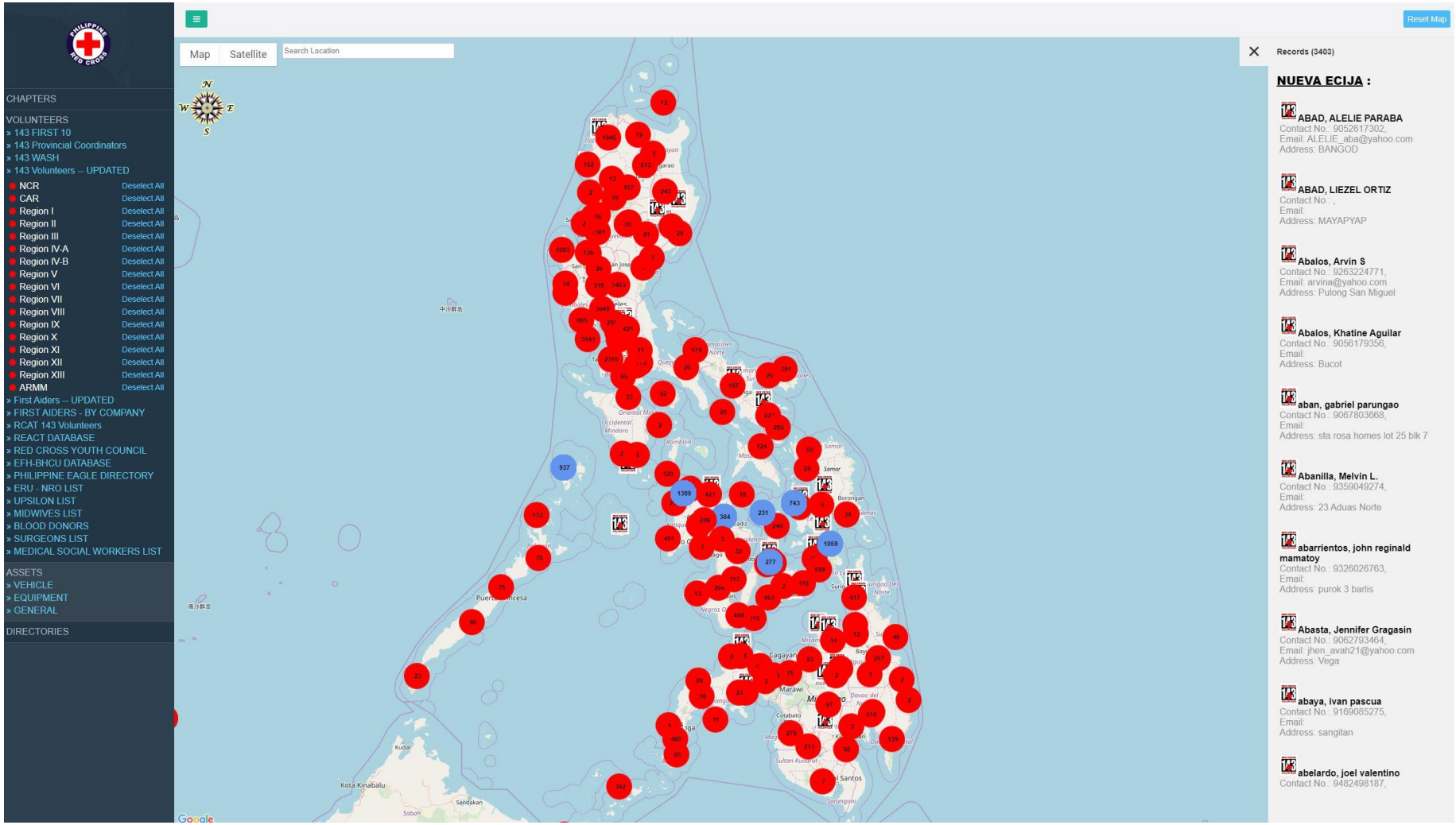
Executive Dashboard Management System



OPERATIONS CENTER

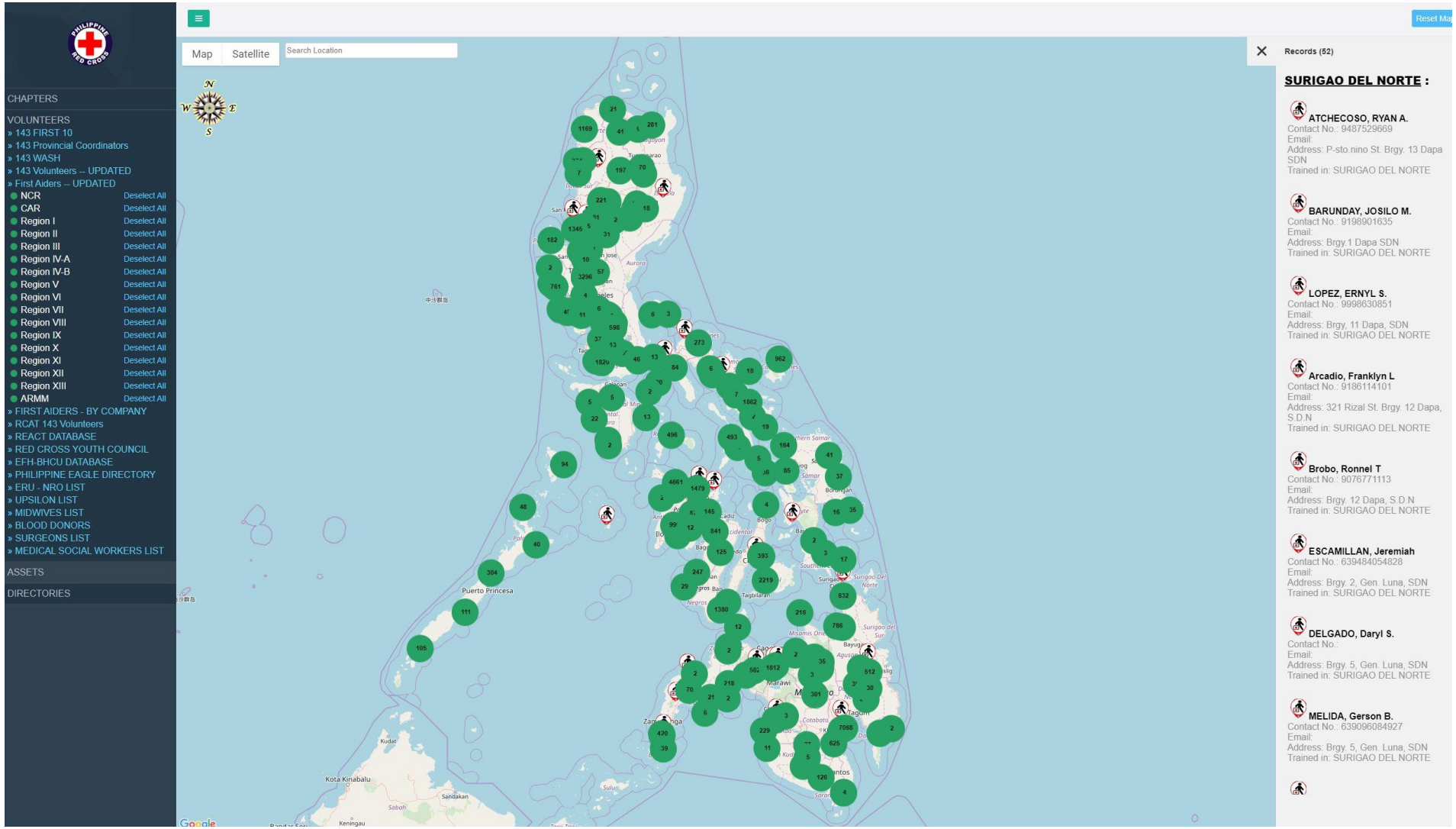
OPERATIONS CENTER

RED CROSS 143 VOLUNTEER



OPERATIONS CENTER

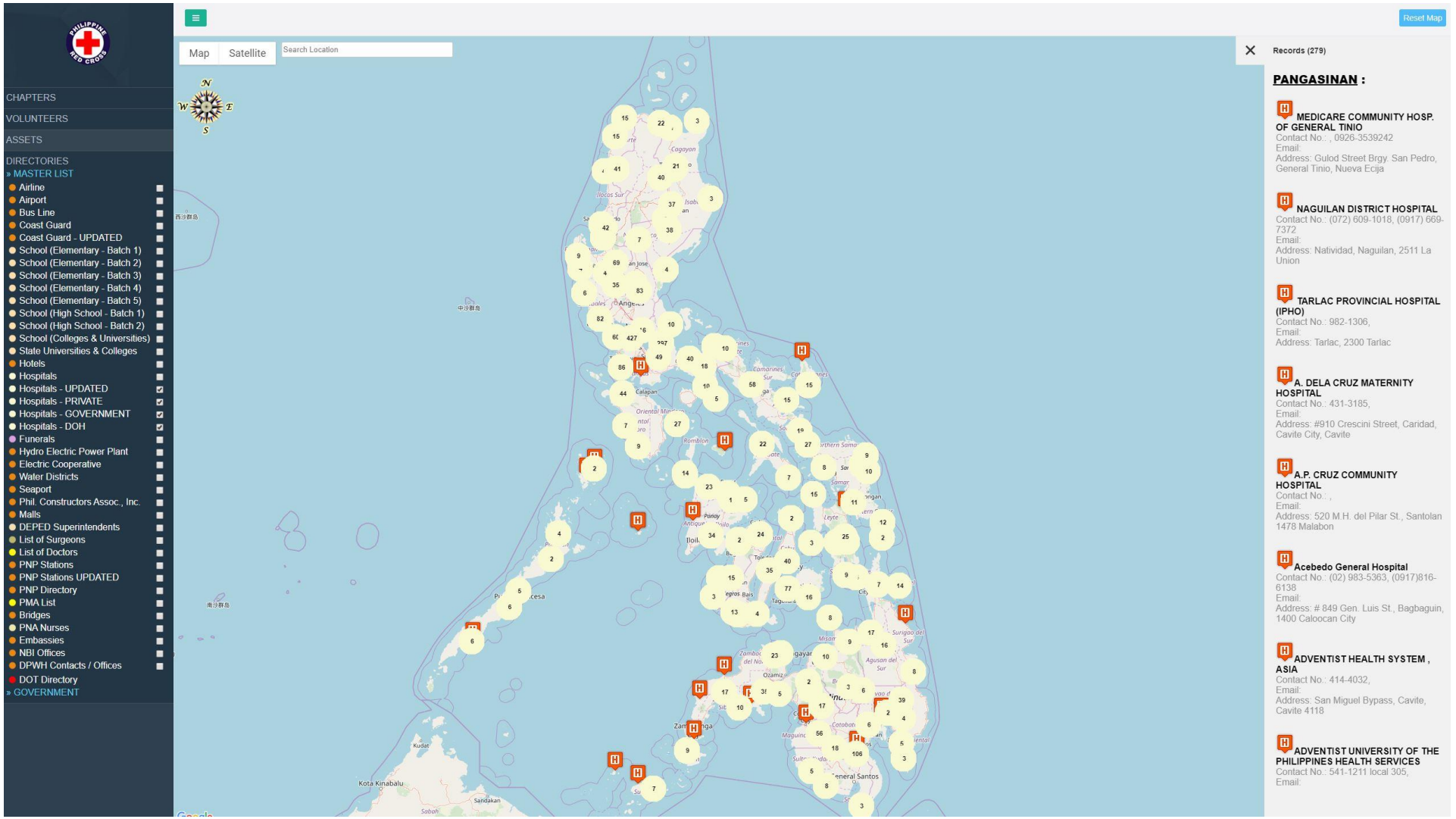
RED CROSS VOLUNTEER FIRST AIDER

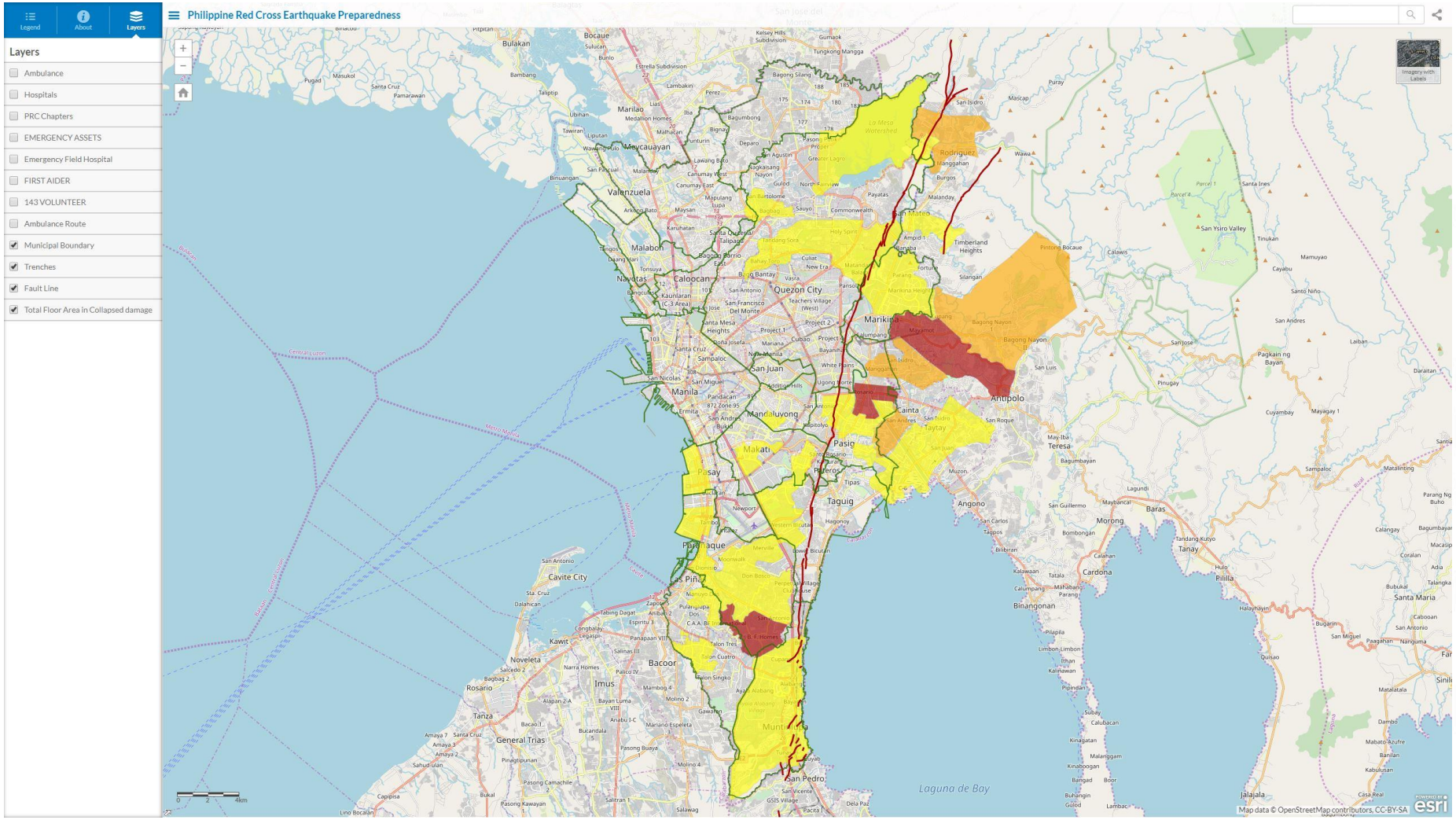


OPERATIONS CENTER

OPERATIONS CENTER

List of Database Hospitals



OPERATIONS CENTER

Philippine Red Cross Earthquake Preparedness