Plataforma Territorial de Identificación de Riesgos

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Oscar Zepeda Ramos
Centro Nacional de Prevención de Desastres (CENAPRED)
México

7 de marzo de 2018

CENAPRED
MÉXICO

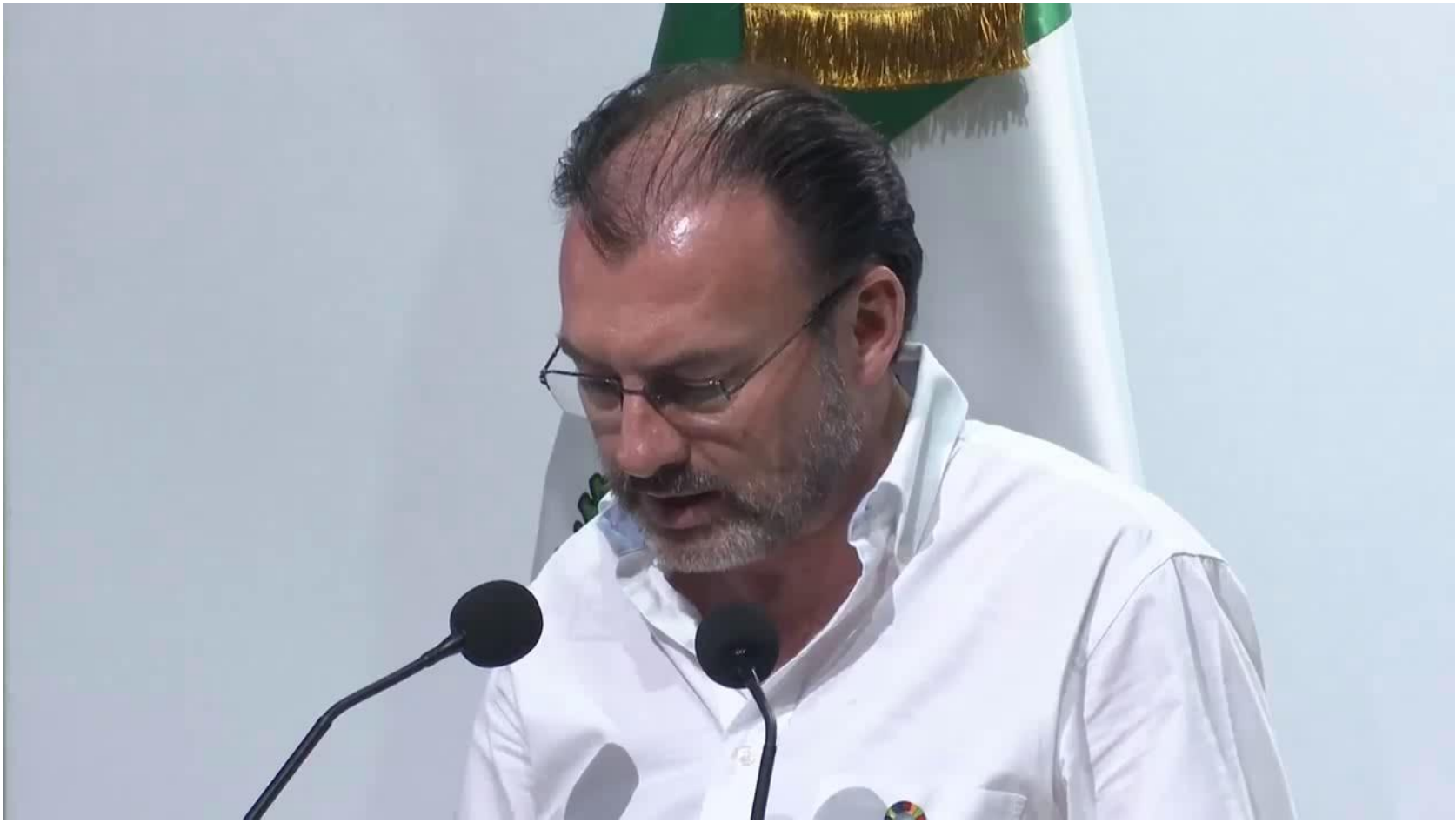
Presidential Commitment

7-8 MARCH 2018 /
7-8 MARZO DE 2018
MANAGUA, NICARAGUA

ACS AEC
CDEMA
CEPREDENAC
USAID
DU PEUPLE AMERICAIN
UNISDR

Secretary of Foreign Affairs

7-8 MARCH 2018 /
7-8 MARZO DE 2018
MANAGUA, NICARAGUA



ACS AEC · CDEMA CARIBBEAN DISASTER EMERGENCY MANAGEMENT AGENCY · CEPREDENAC · USAID DU PEUPLE AMERICAIN · UNISDR

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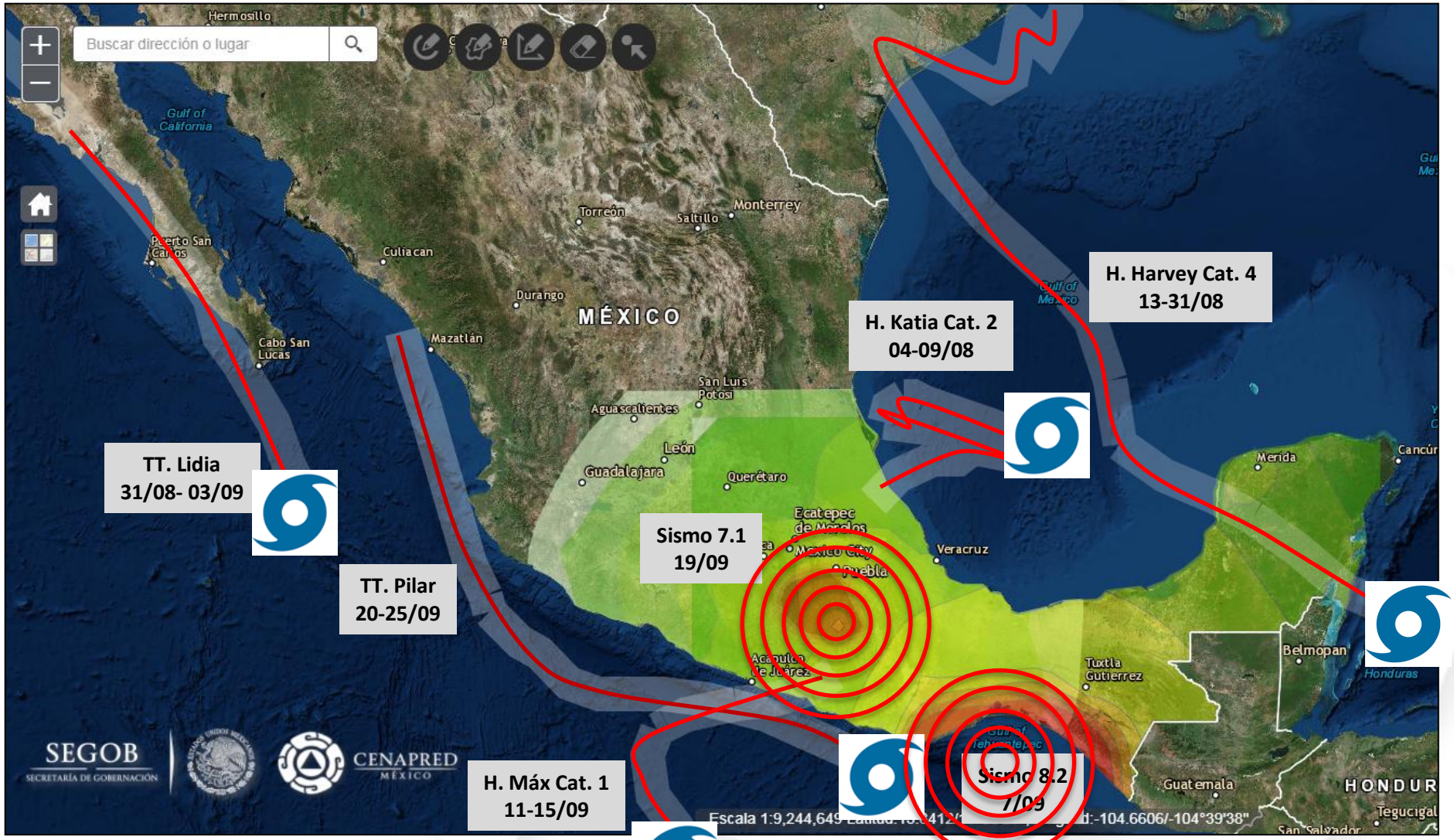
Agosto –Septiembre: 2 Sismos, 8.2 y 7.1; 2 Tormentas Tropicales; y 3 Huracanes.



National Risk Atlas - México

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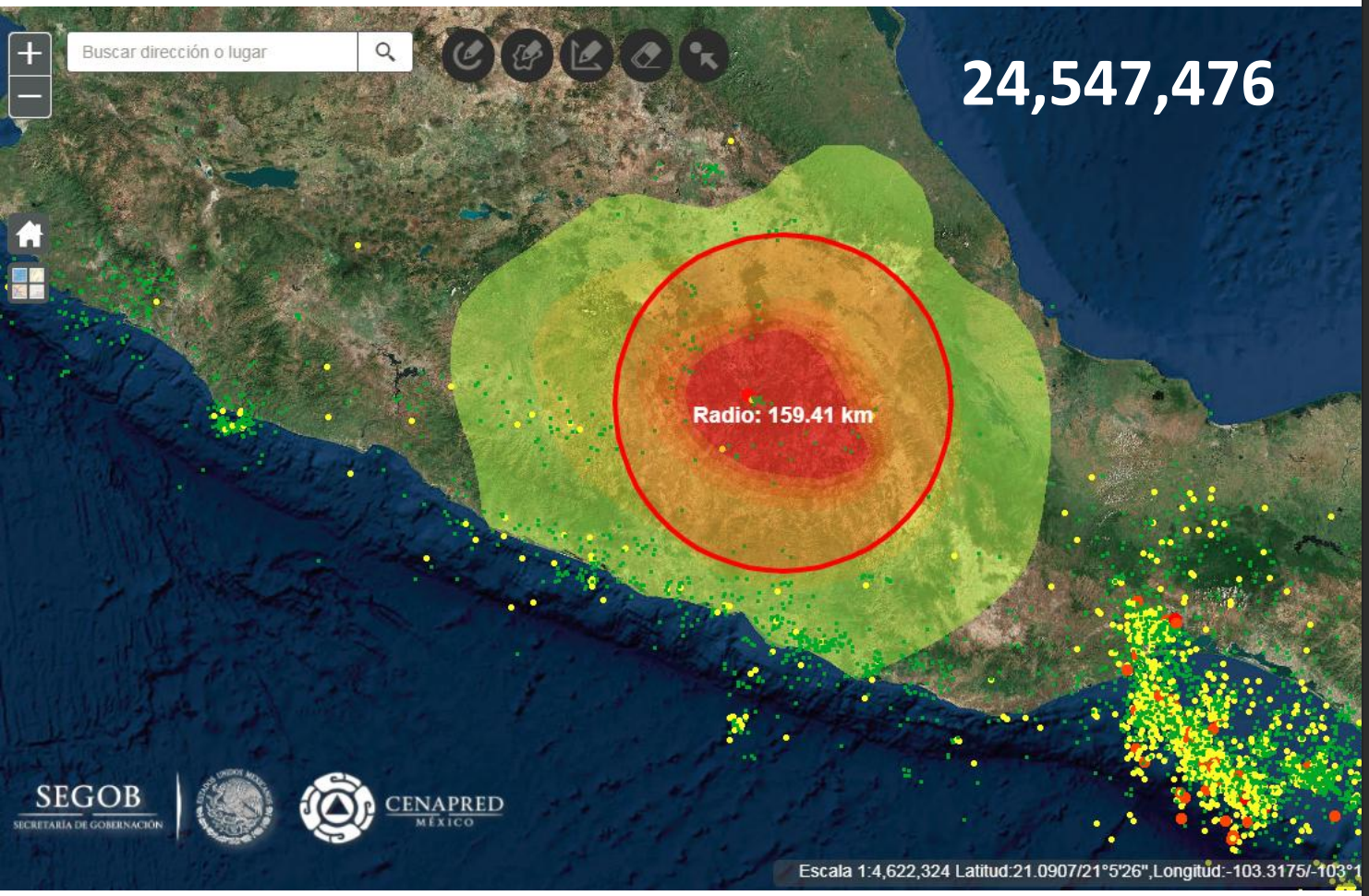

Población por Estado

Población
24,547,476

Masculino	Femenino
11,797,158	12,750,318
Menores a 12 años	
5,534,365	
M: 2,806,432	**F:** 2,727,933
Mayores a 60 años	
2,350,287	
M: 1,032,118	**F:** 1,318,169

Viviendas
7,503,910

Establecimientos de salud
5,413

Escuelas
47,472

Supermercados
8,409

Aeropuertos
9

Hoteles
3,699

Bancos
4,566

Gasolineras
1,440

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Territorial Information Platform for the Caribbean (PITCA)

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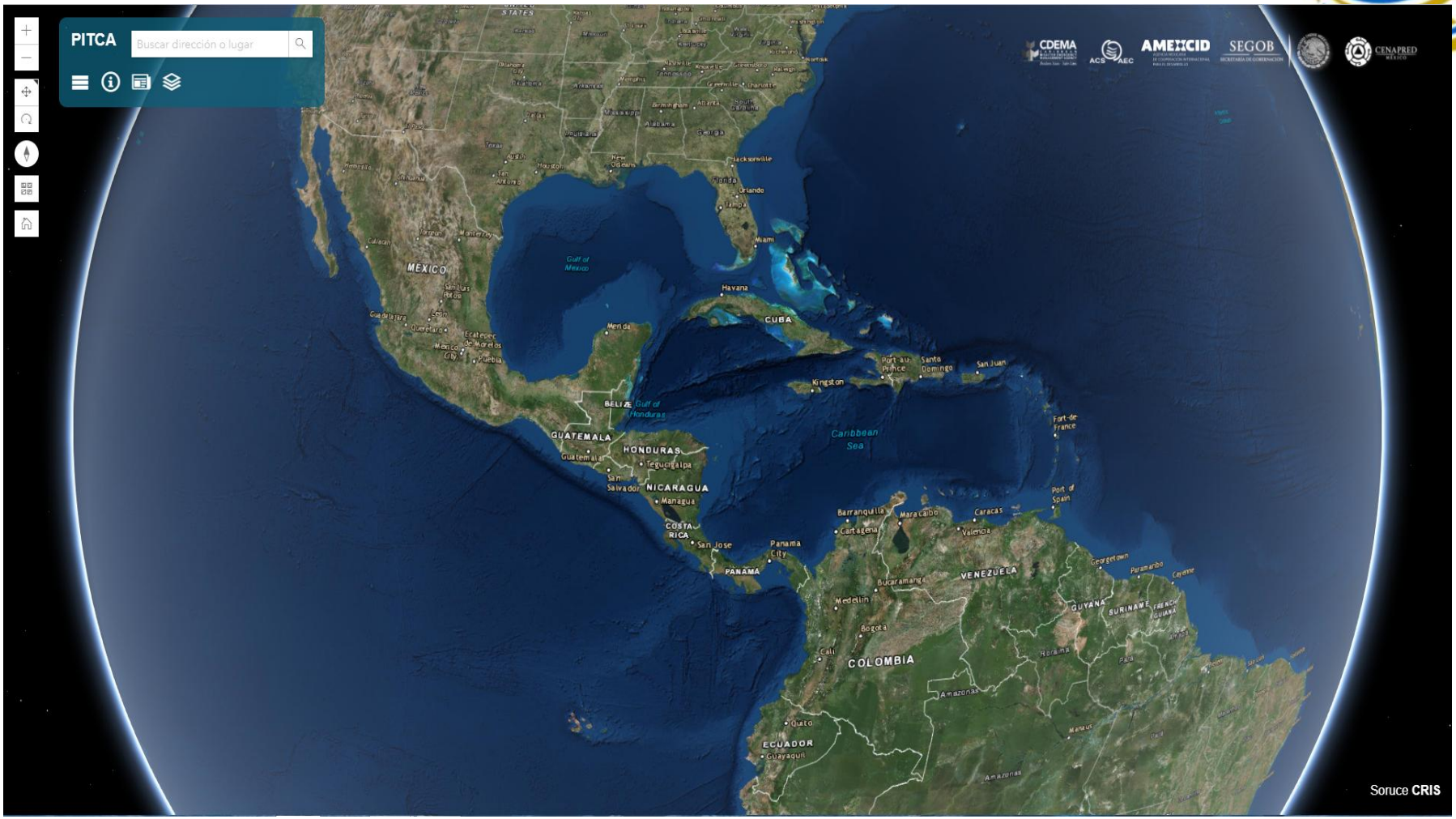

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PITCA Overview

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- PITCA is a web based platform for visualize geospatial information in the Caribbean area
- Integrated by 26 countries
- Incorporate information from other systems
- Real time monitoring data
- Exposure analysis (population, housing and other)
- Metadata catalogs

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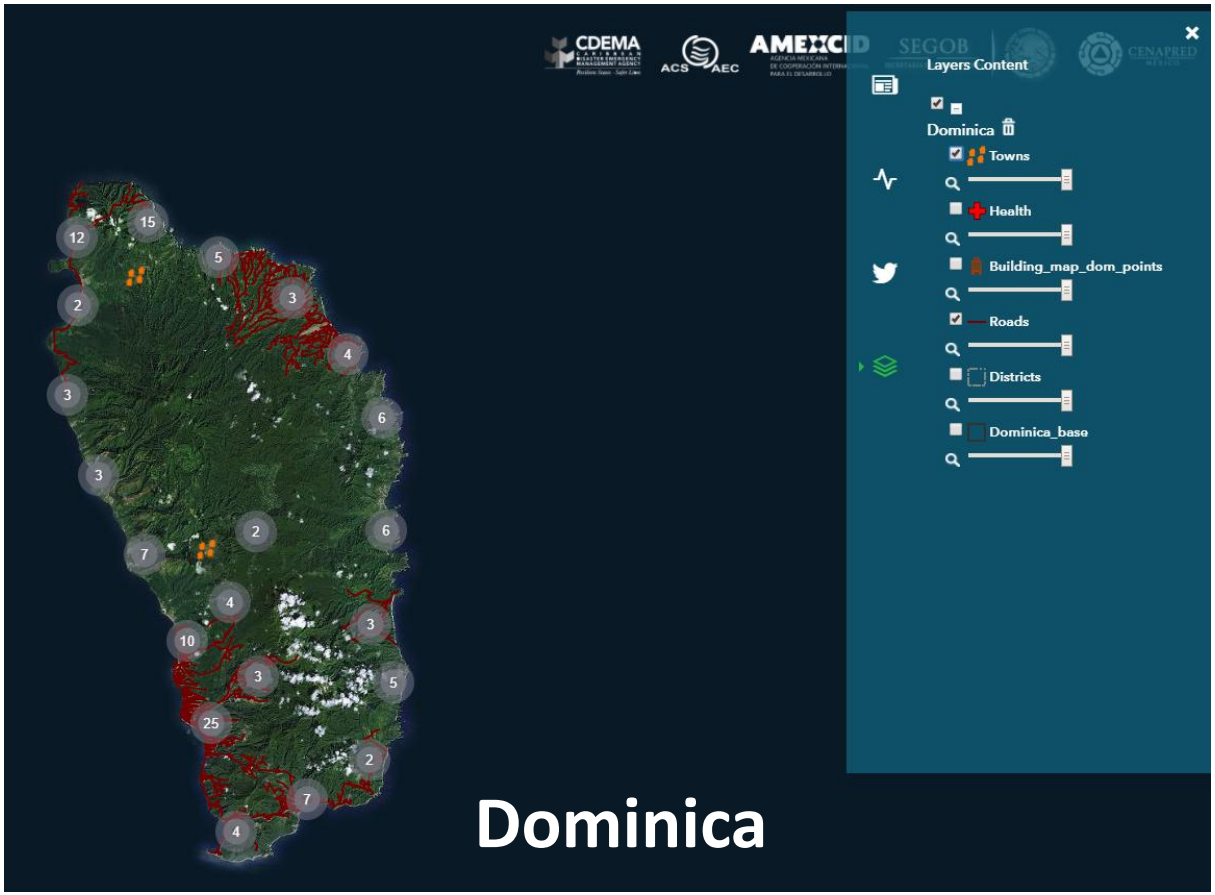
Layers

Based on THE CARIBBEAN RISK INFORMATION SYSTEM (CRIS) platform

Information

- 5 Countries (25+ Layers)
- Regional (20+ layers)

- Constantly uploading information



More than 200 layers available in CRIS

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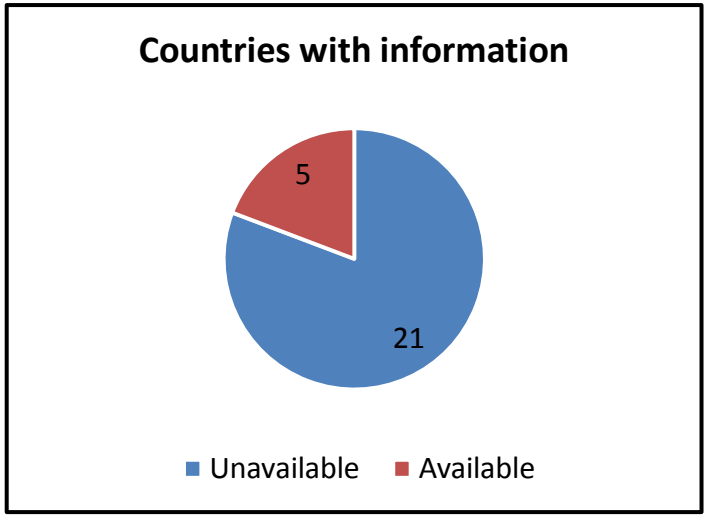

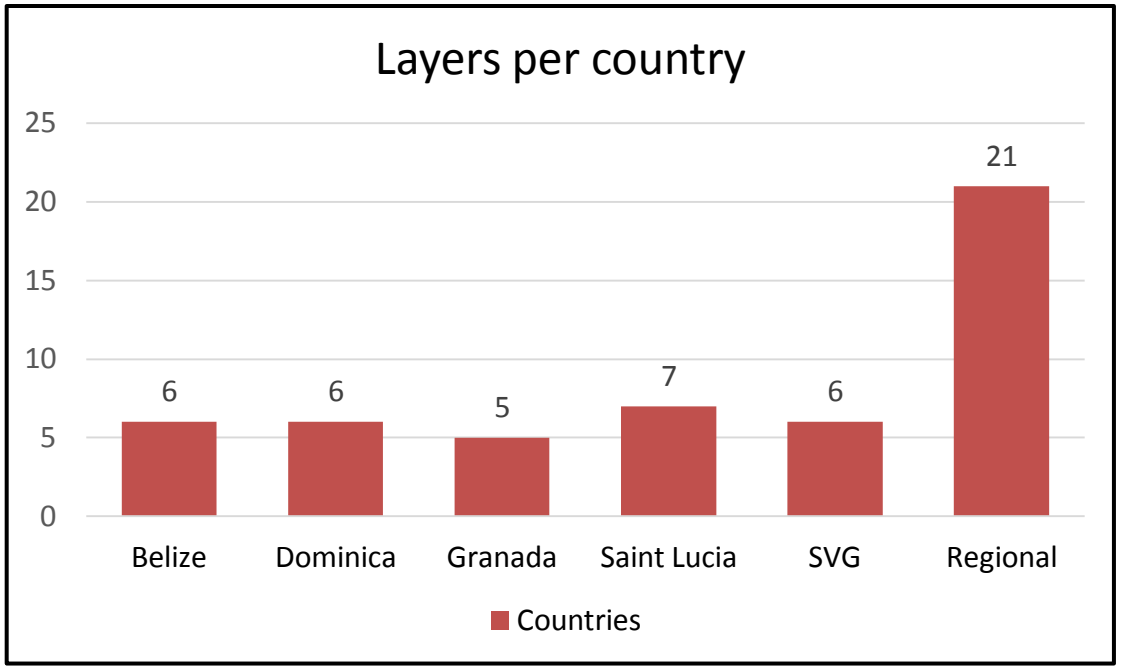

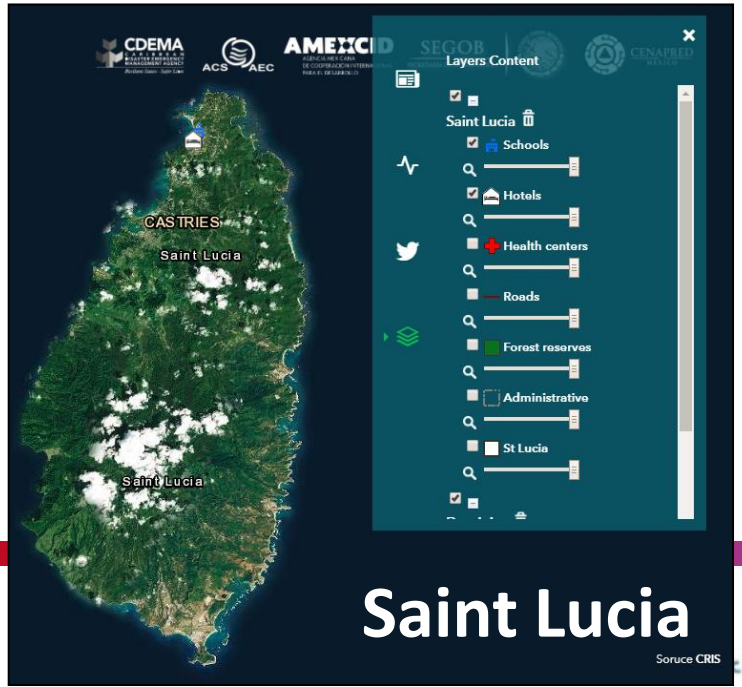

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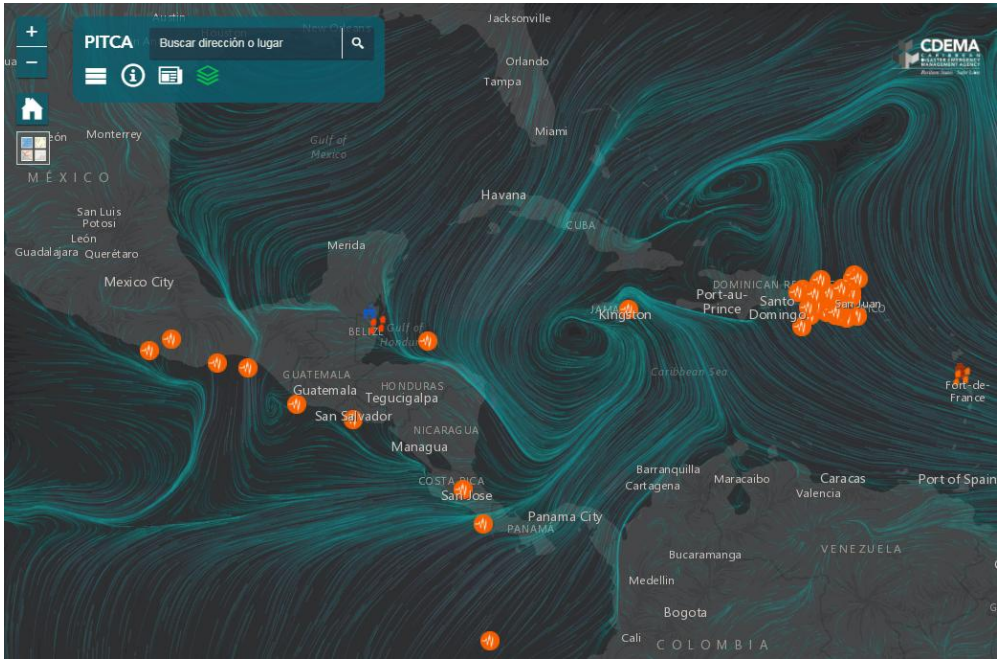
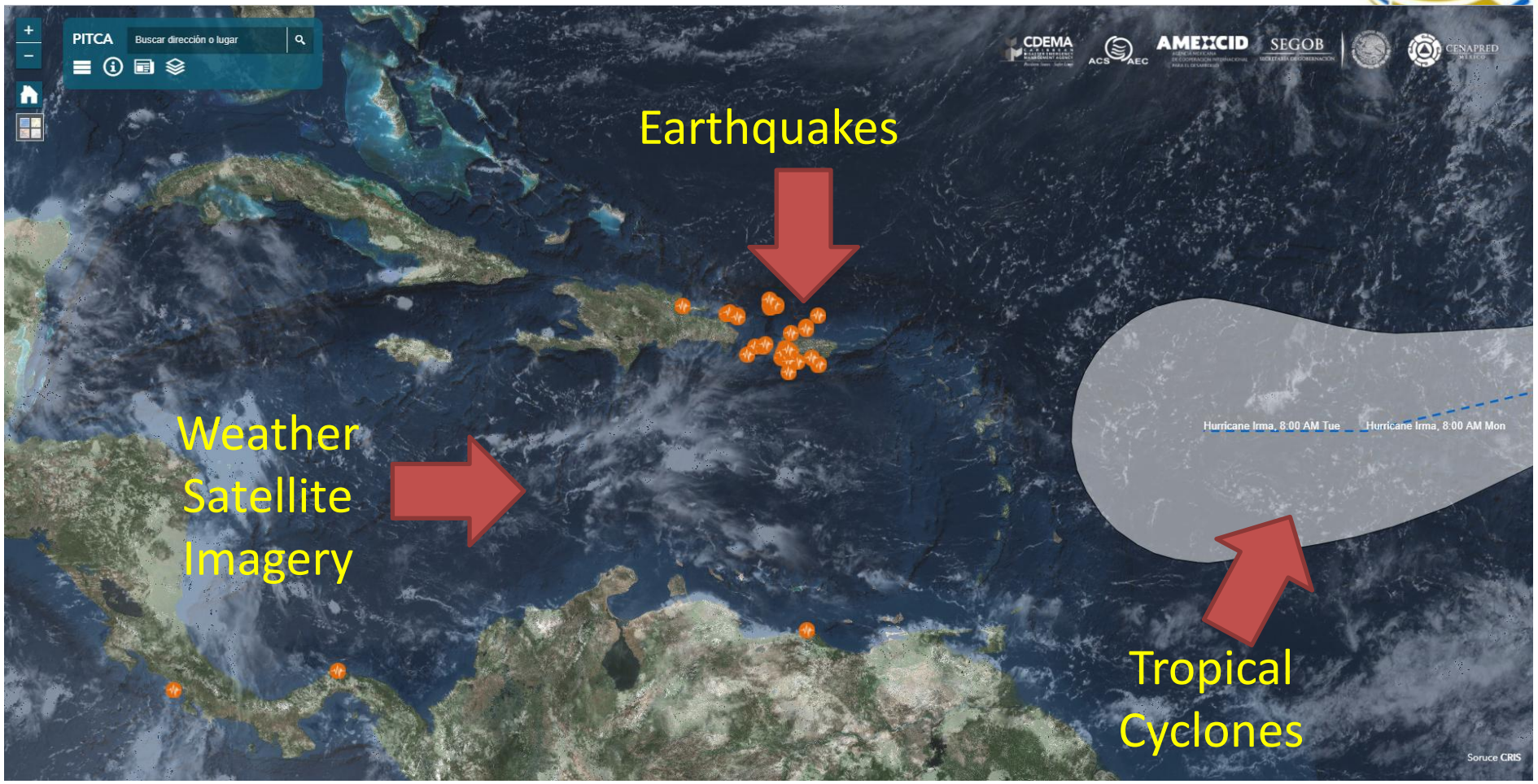
Monitoring (global, regional & national)

Services

- ***Wind*** (NOAA), 6 hrs
- ***Tropical Cyclones*** (NOAA), 30 – 40 min
- ***Weather*** (NOAA)
- ***Satellite Imagery***: Visible, Water Vapor, Infrared, 30 min
- ***Earthquakes*** (USGS), per event
- ***Hot Points*** (NASA), 1 – 2 days

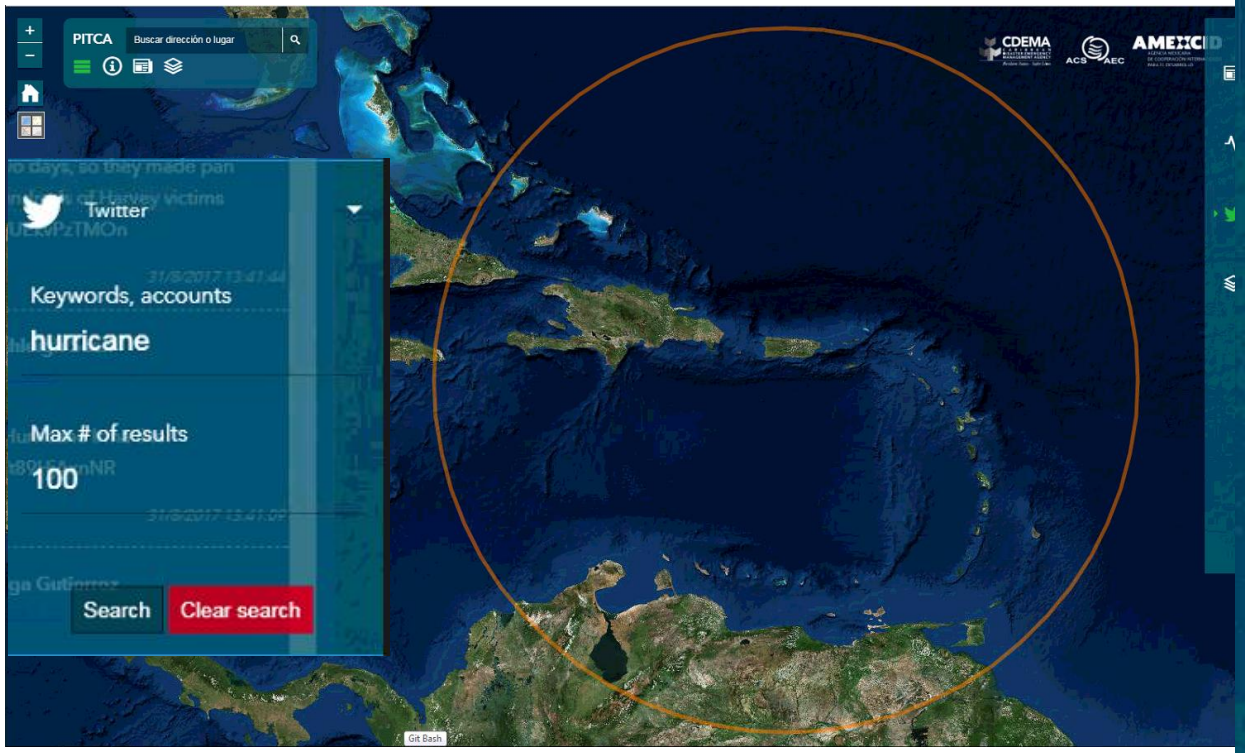


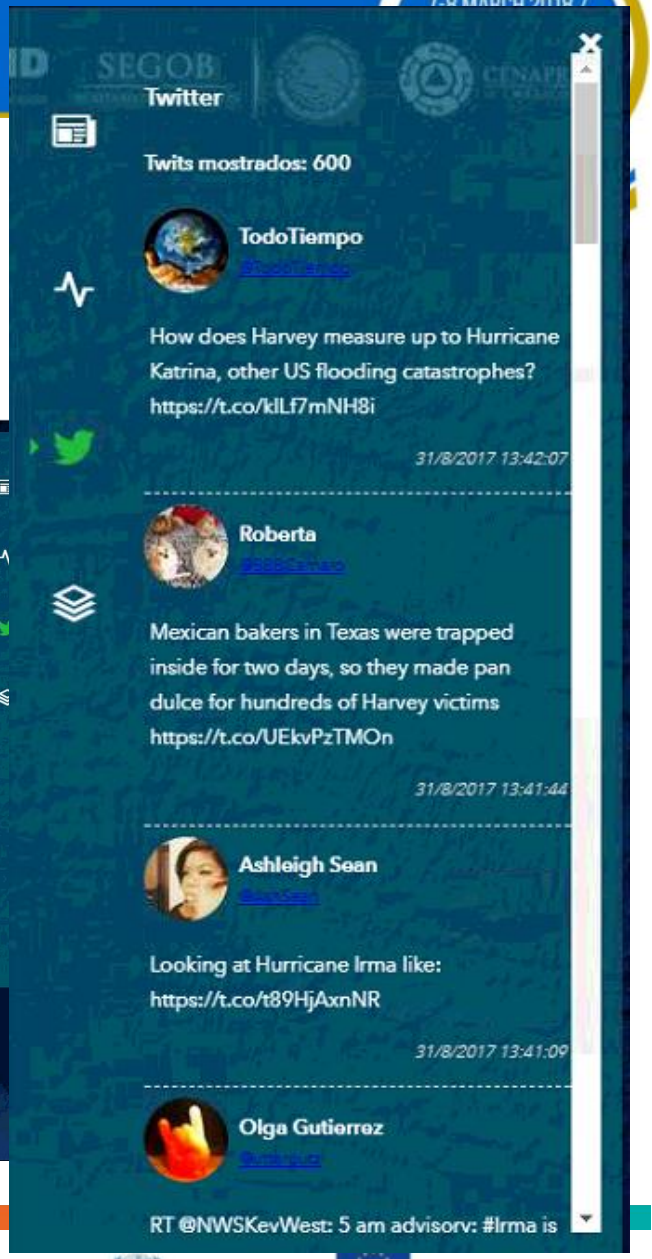
Monitoring


PITCA
Buscar dirección o lugar
Earthquakes
Weather
Satellite
Imagery
Tropical
Cyclones
Hurricane Irma, 8:00 AM Tue
Hurricane Irma, 8:00 AM Mon
Soruce CRIS

Social Media Monitoring

- Twitter
- Keywords, accounts, hashtags
- Georeferenced tweets





Population Analysis

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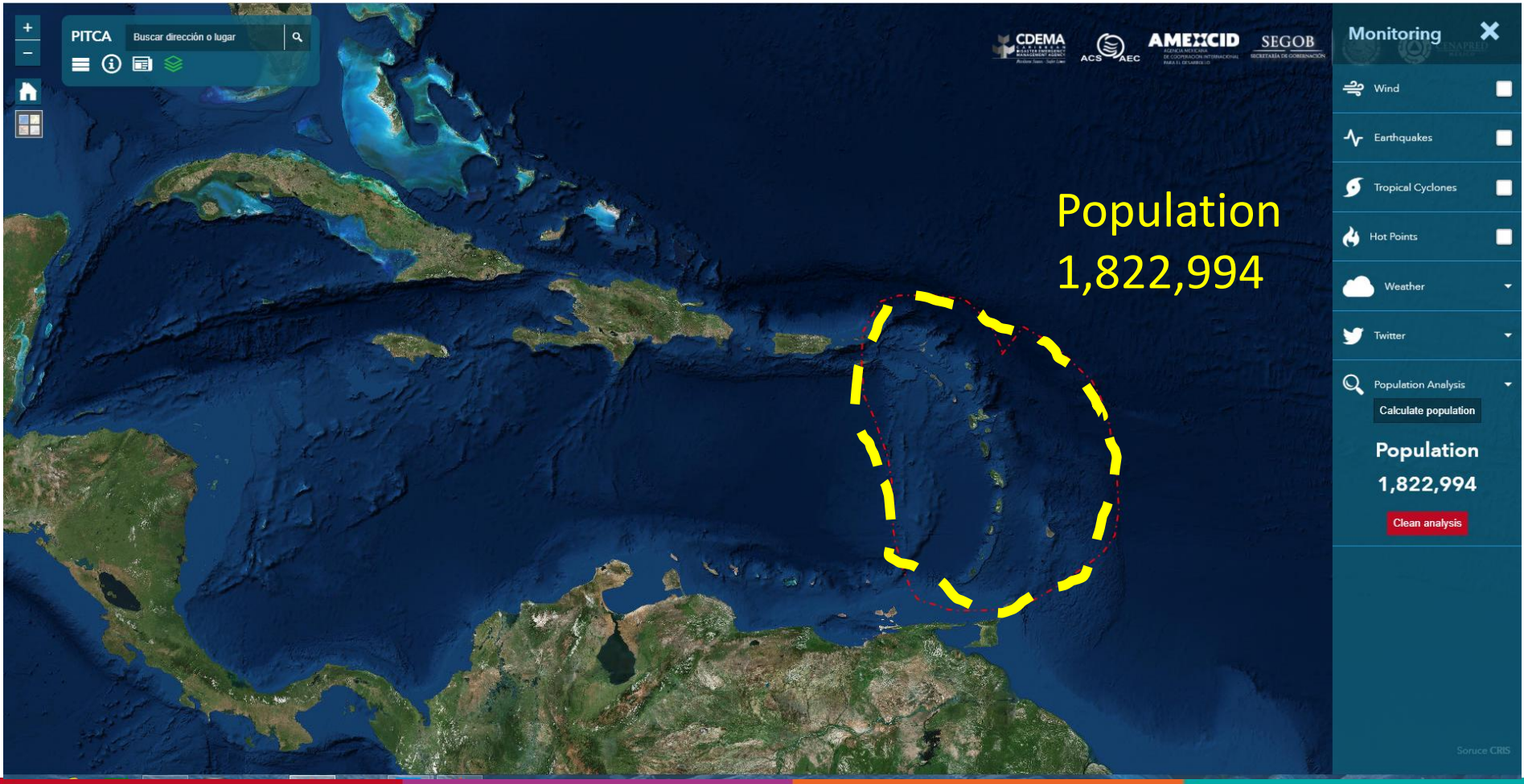
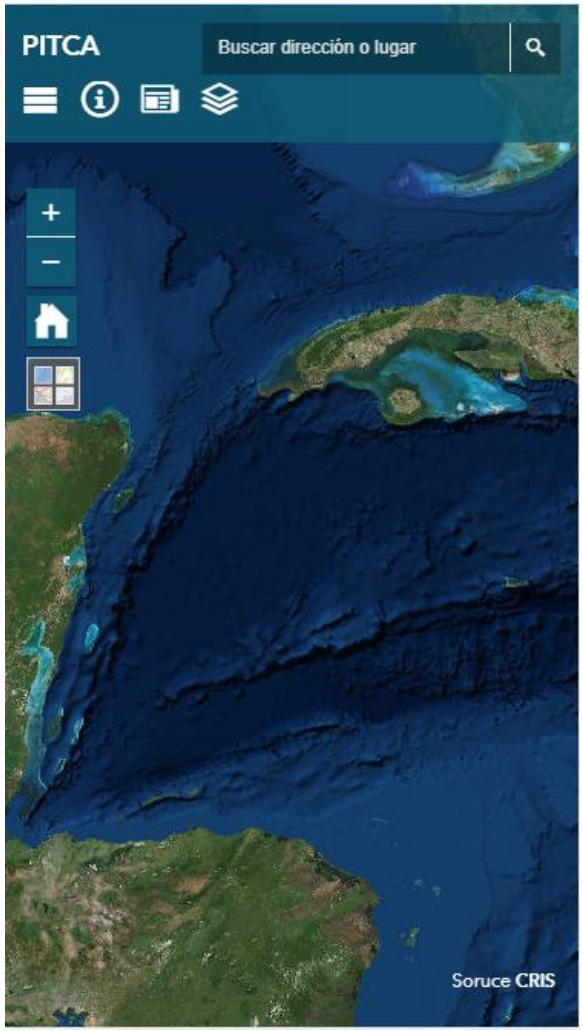
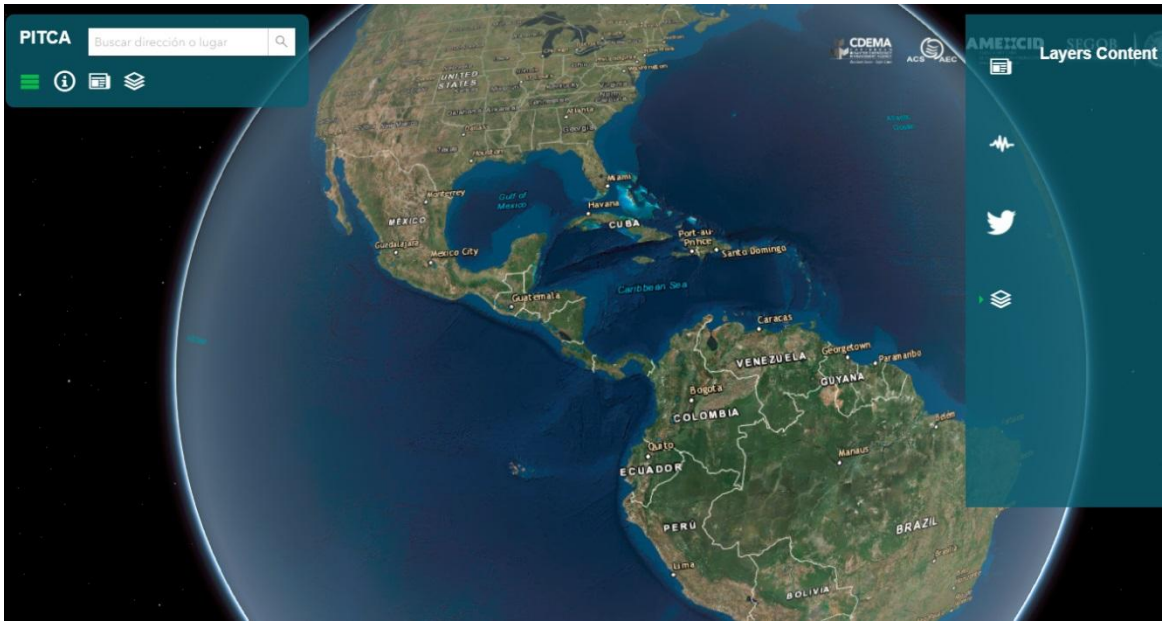
Based on World Bank, Information of Global Population



Mobile and 3D ready





We are working with…

Installation of two video walls (AEC and CDEMA)

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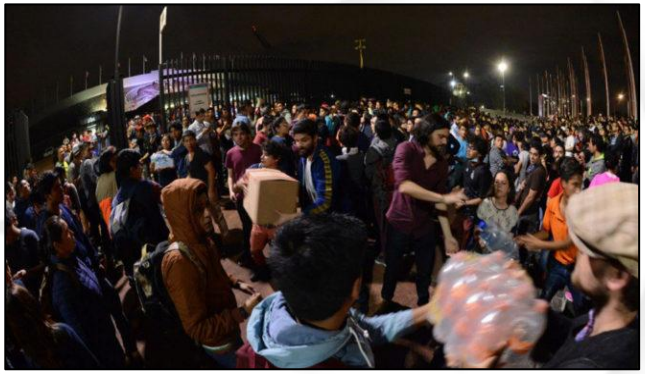
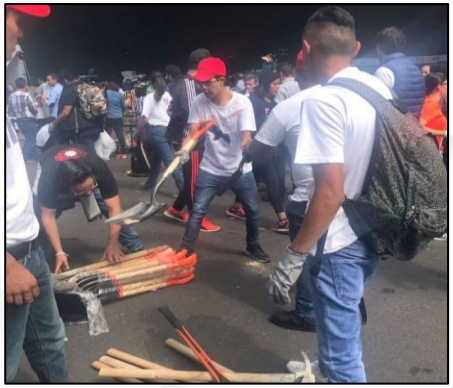
¡Gracias jóvenes!
Gracias por ser solidarios.
Gracias por ser sensibles.
Gracias por ser buenos Mexicanos y Mexicanas.





PLAY TOUCH
DIFER
LA-17-211
CIUDAD DE MÉXICO
Decidiendo Juntos
1061

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