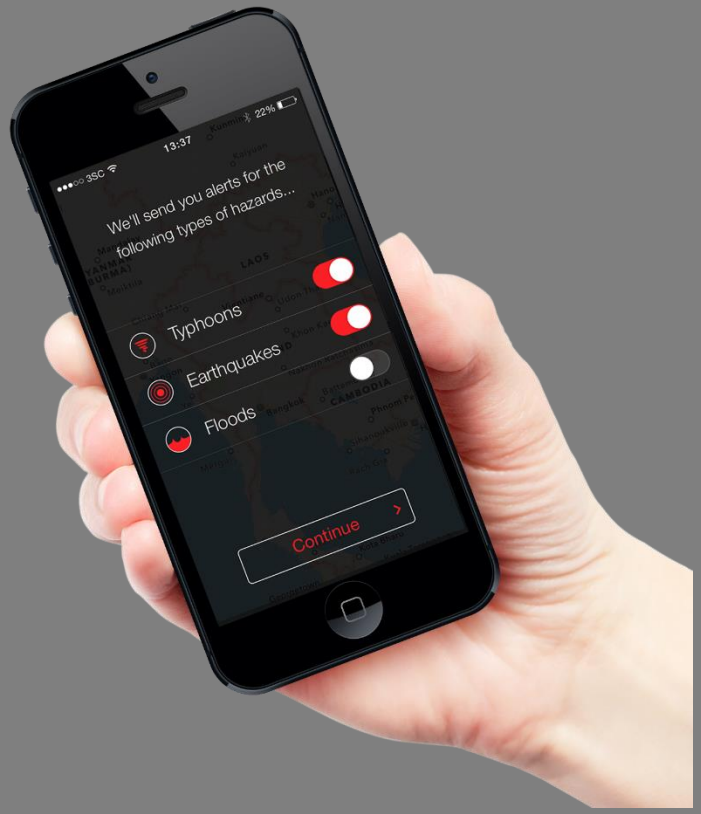
Global Disaster Preparedness Center



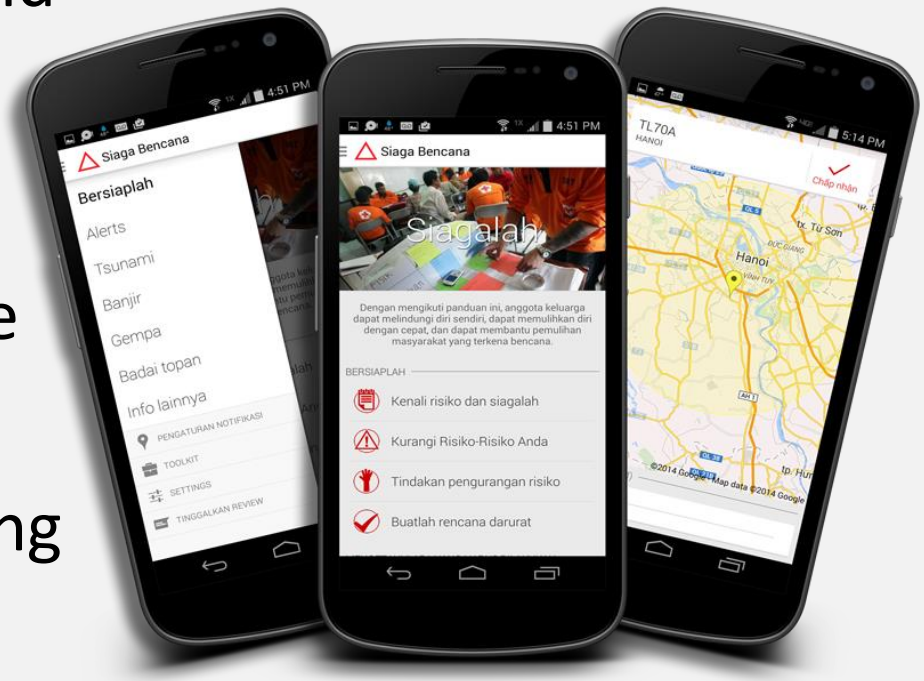
Multi-Hazard App & CAP

Jessica Ports Robbins
Technical Advisor, Preparedness ICTs

GET-19 | CAP Workshop

Universal App Program

- Model for RC/RC national societies to license, adapt and release mobile apps
- Scalable
- Predictable quarterly release schedule
- Easy to use – minimal learning
- Connectedness - push notifications, links to NS programs, social media
- No cost for national societies



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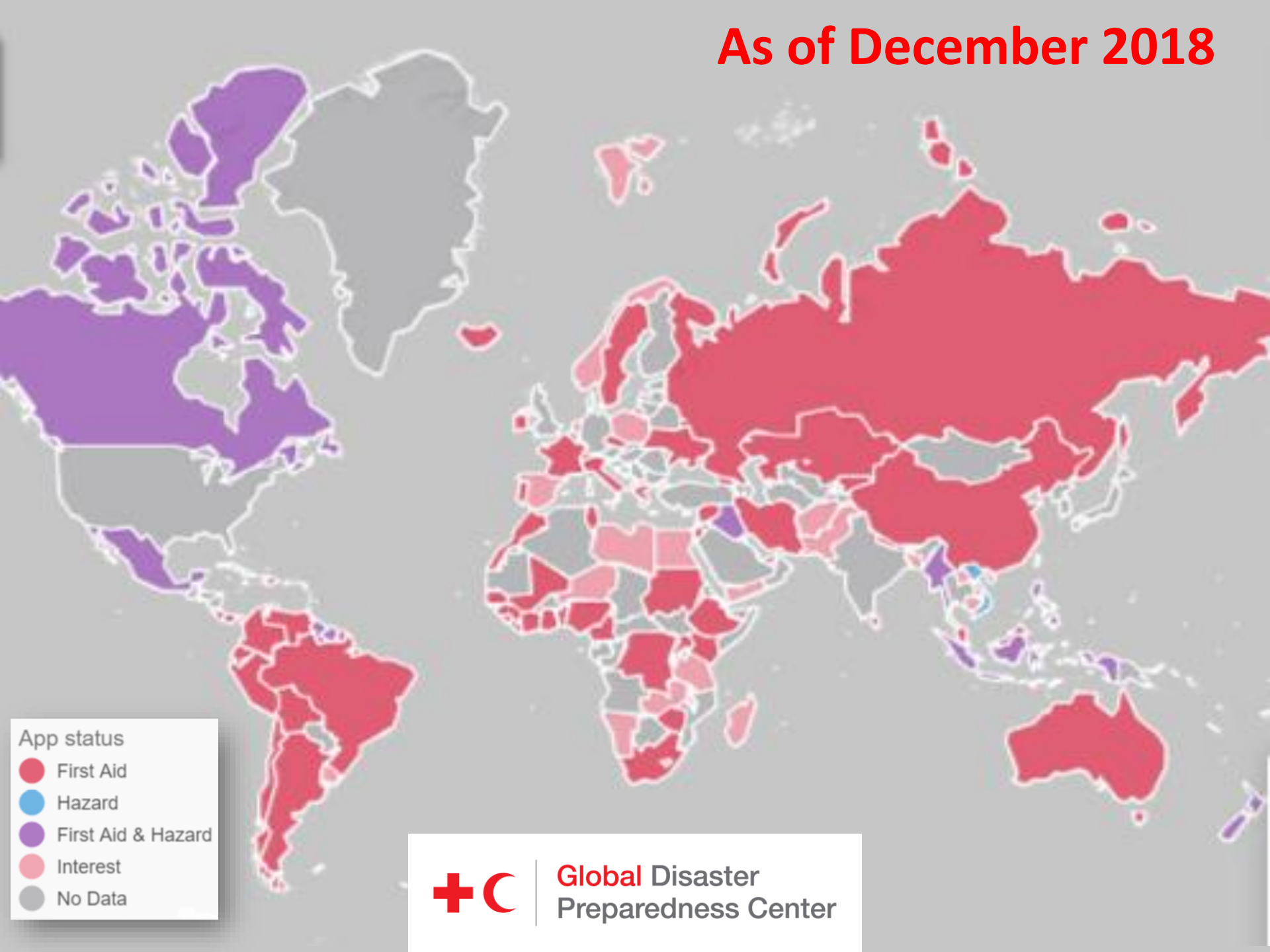
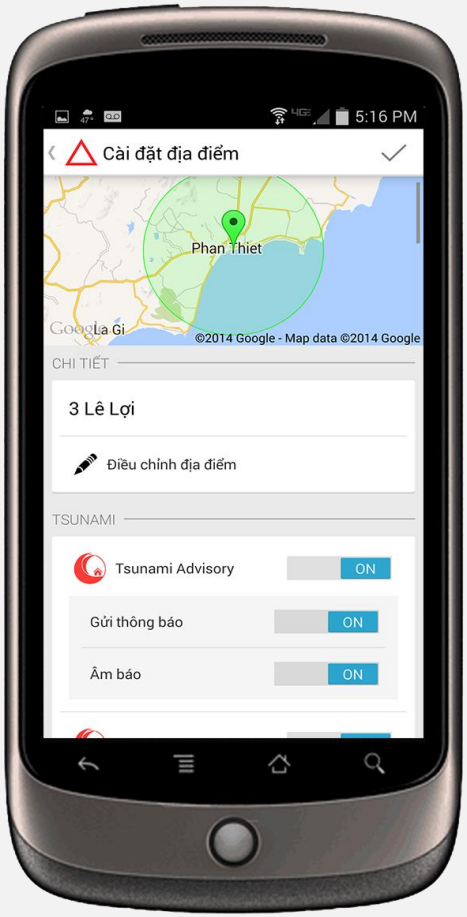
As of December 2018



Universal Apps: Multi-Hazard



- App can save user location ensuring they have most up-to-date information
- Geo-targeted notifications allow for emergency info to be focused on specific areas
- ‘What Now’ guidance messages are sent with alerts to give immediate actions
- Toolkit featuring torch, strobe, alarm and “I’m safe” message sharing

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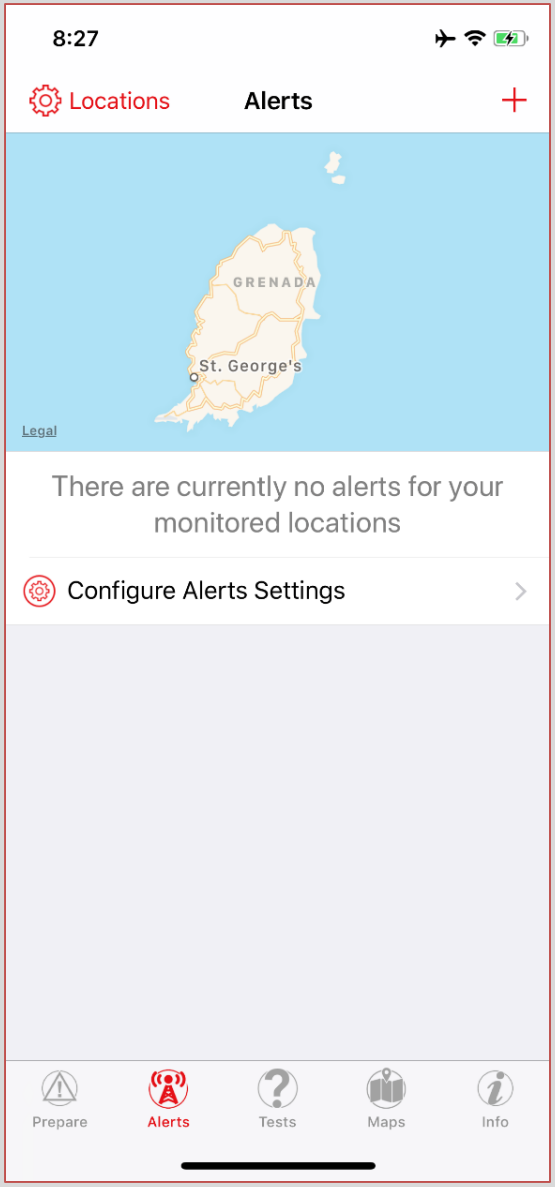
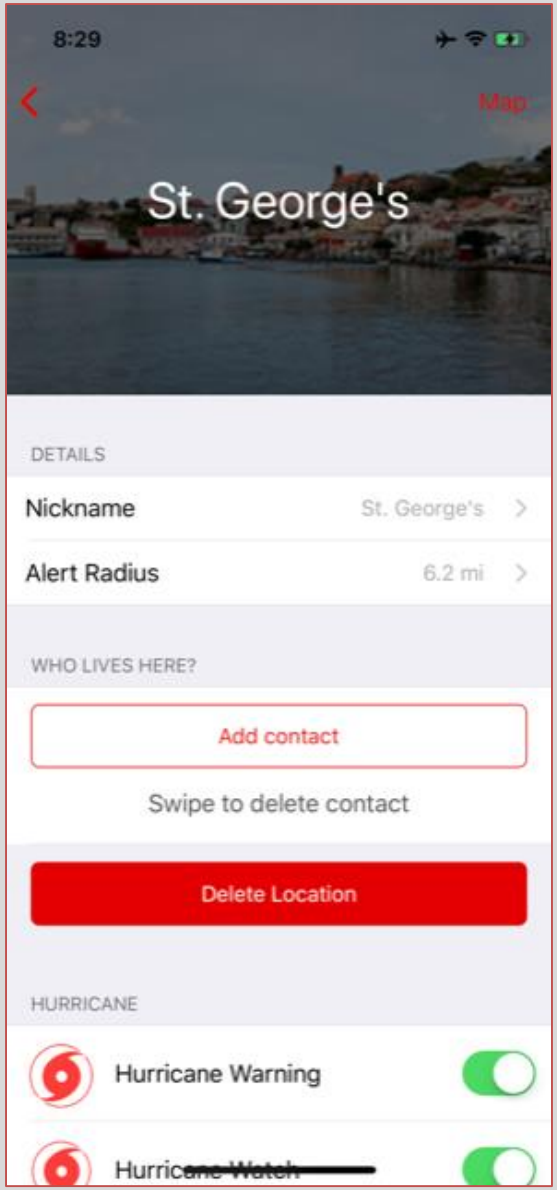
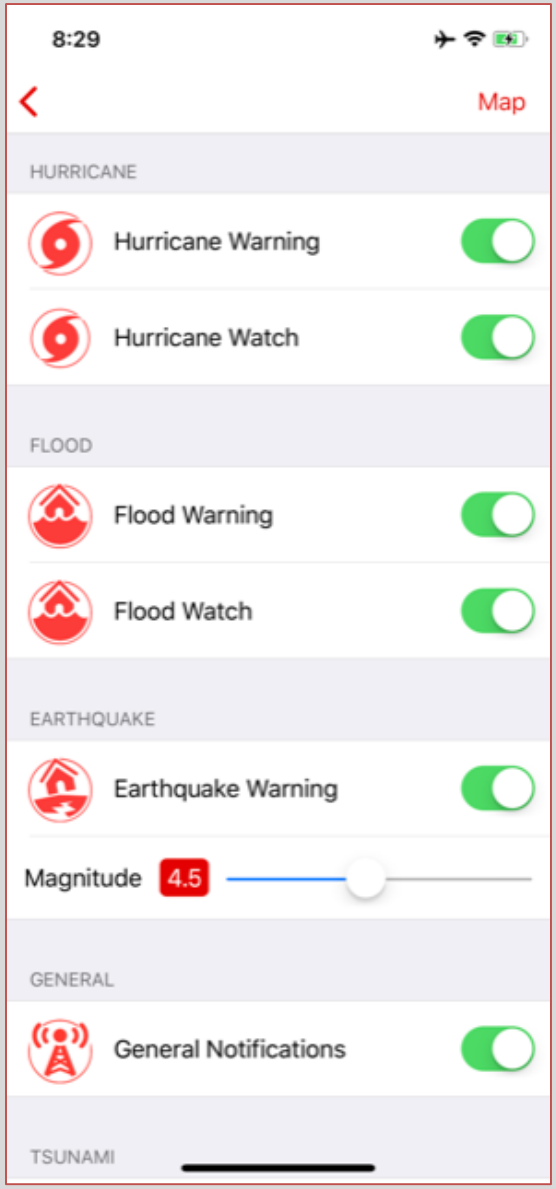
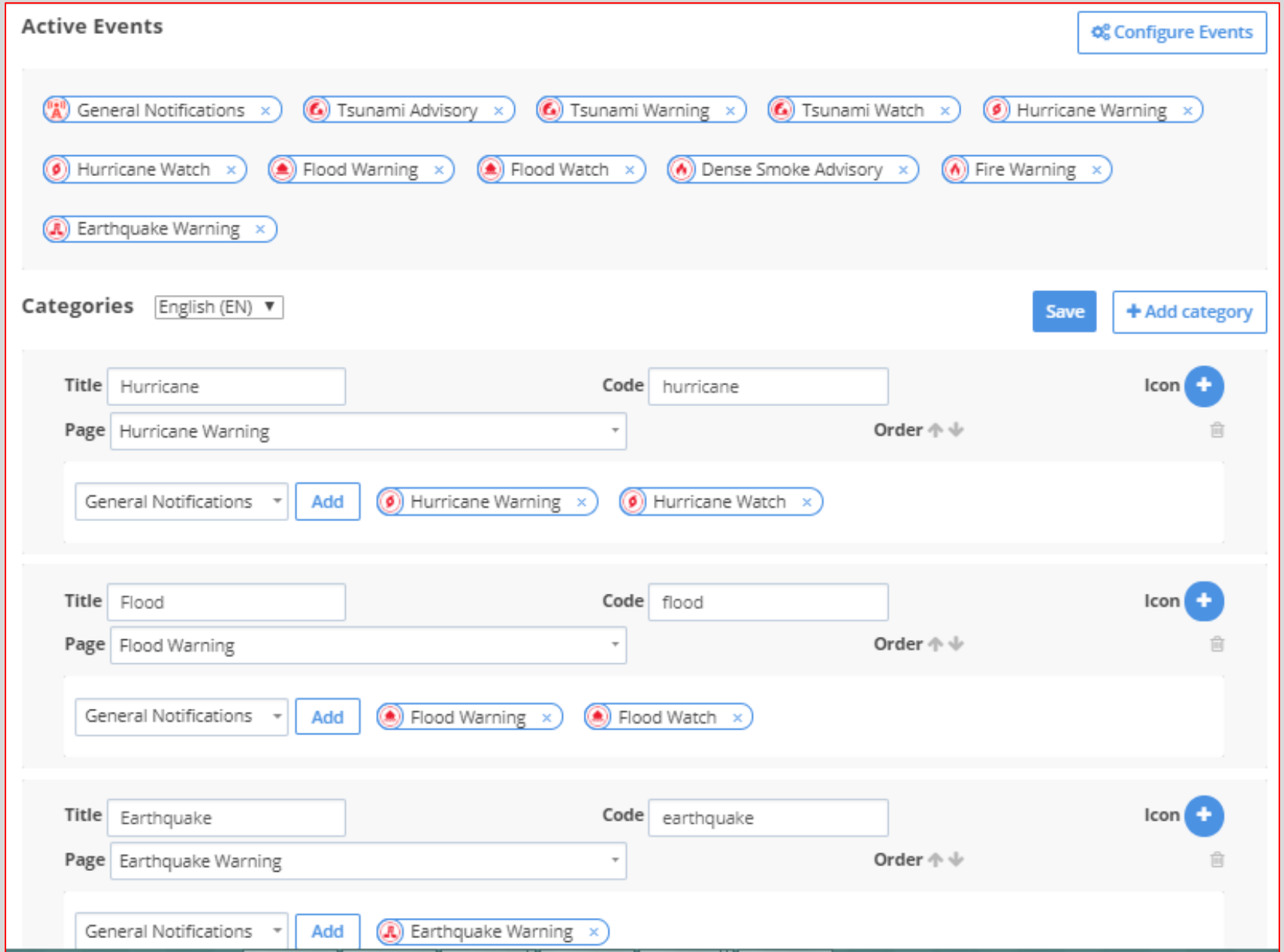
Alerts Monitoring



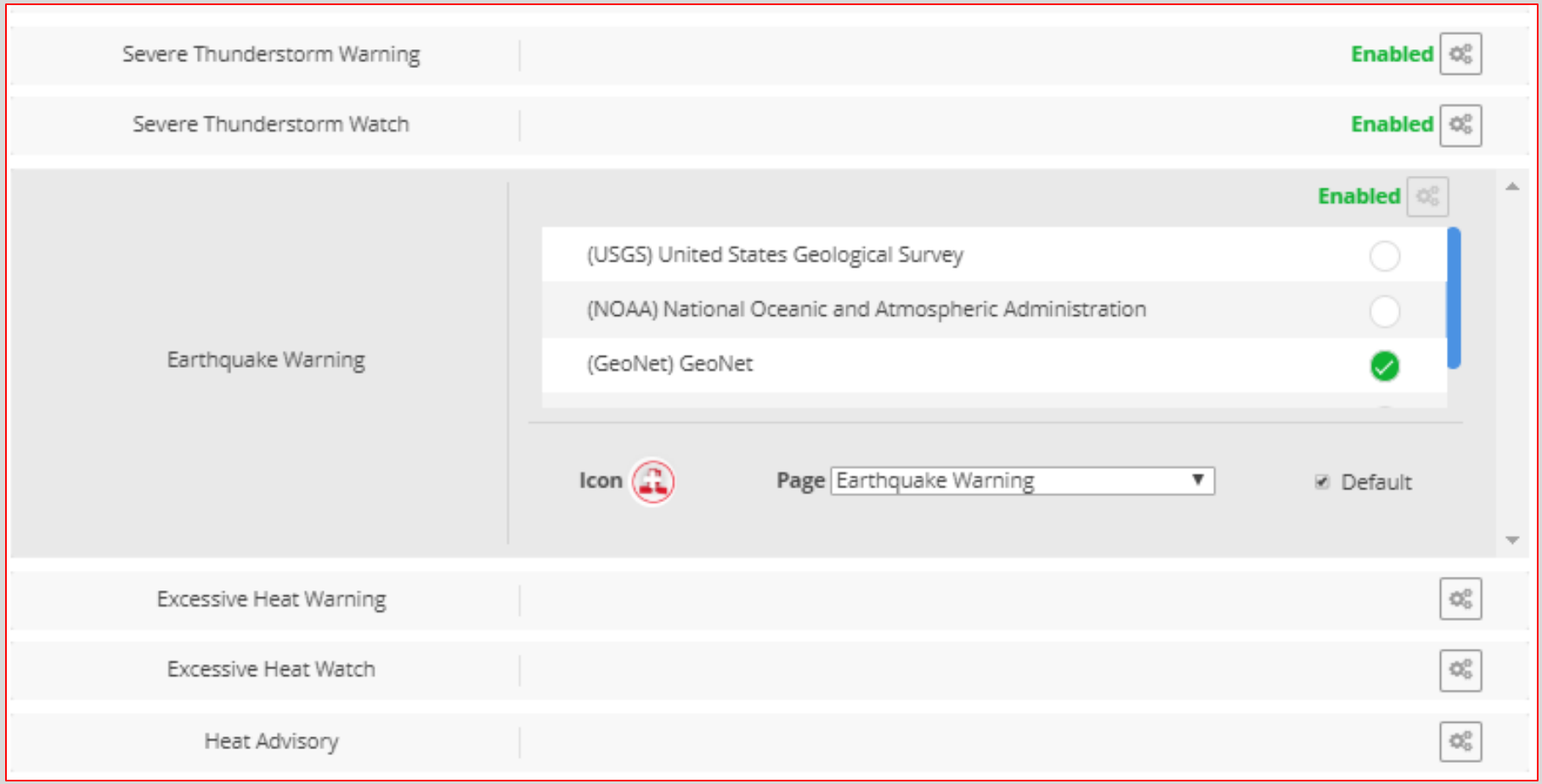




Storm CMS Configuration



Storm CMS Configuration



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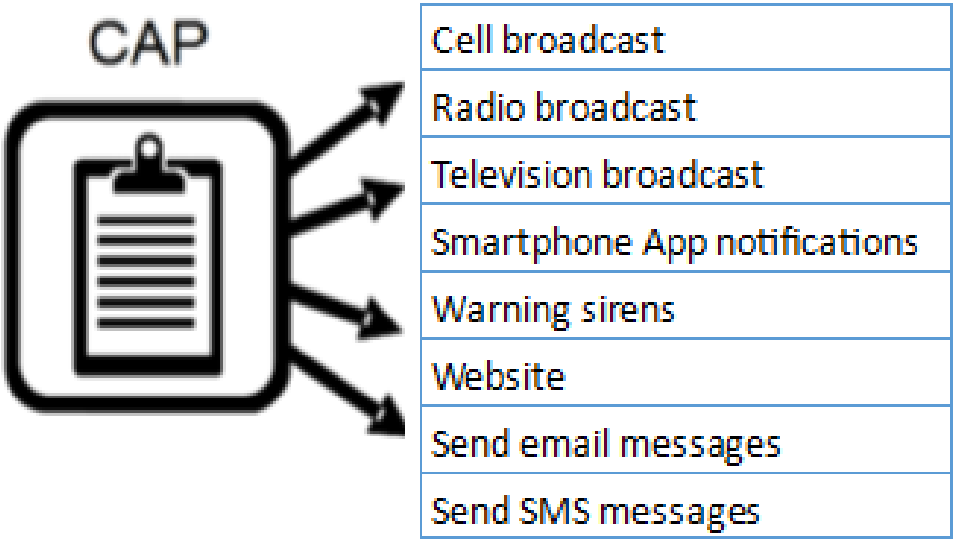


Hazards Alerting Platform: Ingest and Generate CAP

- The platform receives existing CAP/data feeds from alerting organisations such as USGS, Met Offices.
- Hazards are tagged with a ‘what now’ message and linked to further in app content.
- Agencies without a CAP originator are setup with a login in the Hazards platform to send attributed geo-targeted alerts.

Notify ☑ Send a push notification to these users.

CAP ☑ Generate a CAP alert

Page -

The page is displayed in the "what now" section.

Language English

Headline

Message

The message sent with this alert.

Alert area

The alert will be sent to all users monitoring a location within the selected area.

☐ Show polygon data

Area description

Event General Notifications

Type Alert

Status Actual

Category Geo

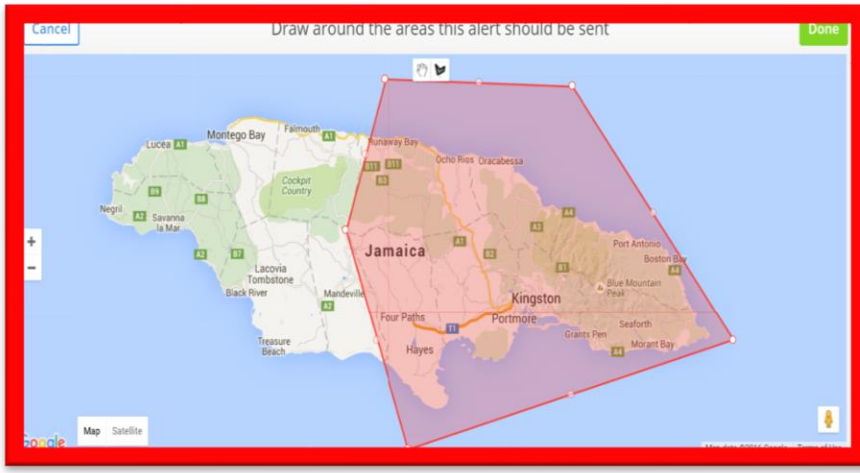
Urgency Immediate

Severity Extreme

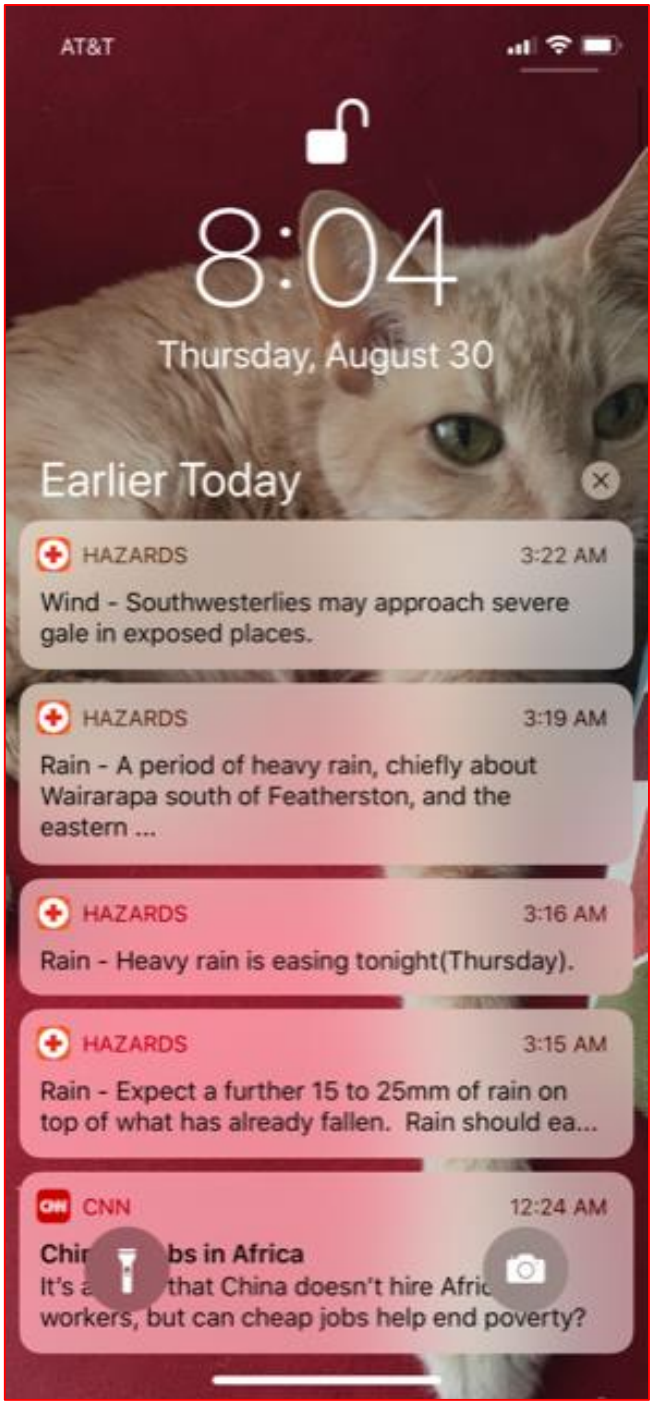
Certainty Observed

Effective date 2019-03-04 00:00:00

The date this alert will be effective from.

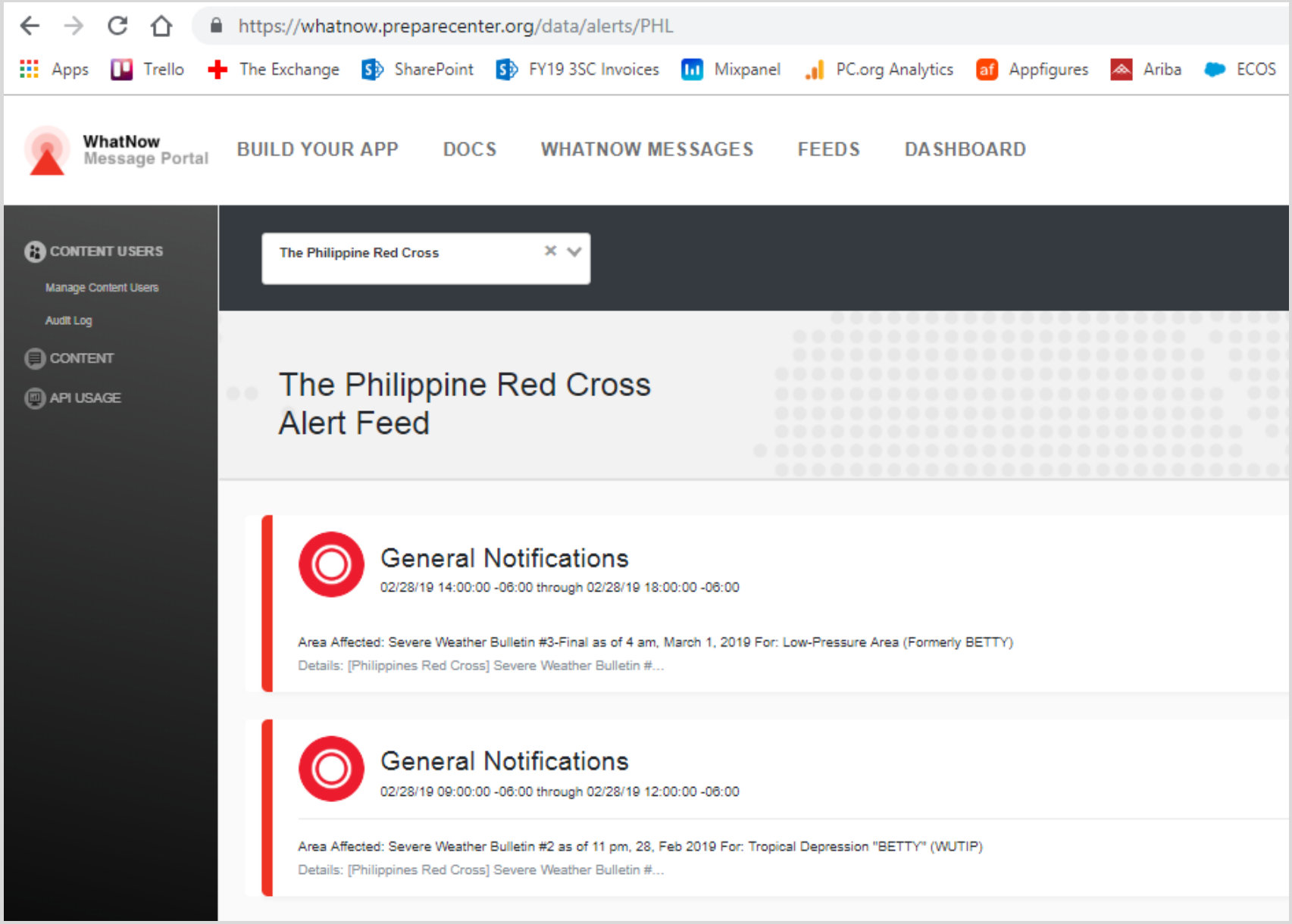


General Notifications



Hazard App User Experience

CAP Feed on WhatNow Portal



Alert Detail on WhatNow Portal

General Notifications

Severe Weather Bulletin #3-Final As Of 4 Am, March 1, 2019 For: Low-

ALERT:

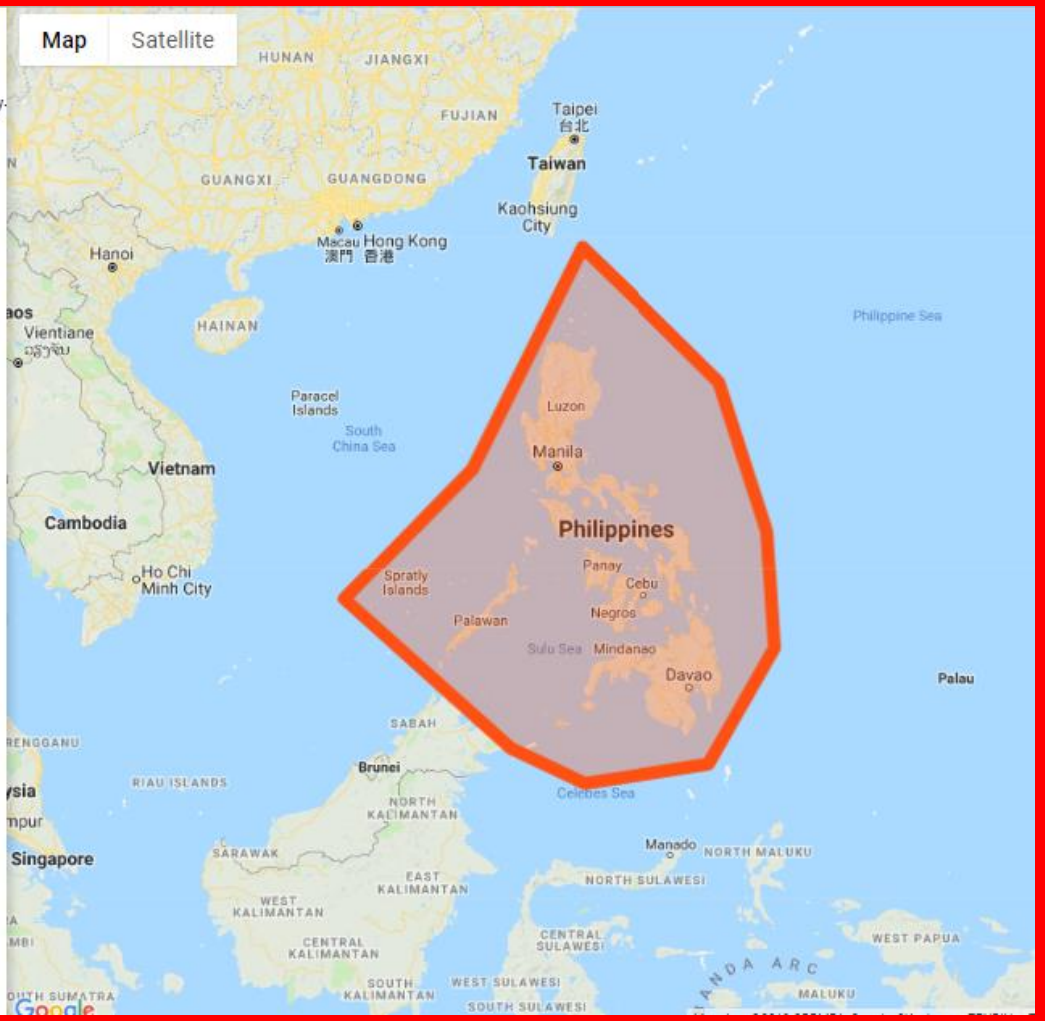
Severe Weather Bulletin #3-Final as of 4 am, March 1, 2019 For: Low-Pressure Area (Formerly BETTY)

[Philippines Red Cross] Severe Weather Bulletin #3-Final as of 4 am, March 1, 2019 For: Low-Pressure Area (Formerly BETTY) Betty has weakened into an LPA. This weather disturbance poses no direct threat to any part of the country. Location: At 3:00 am today, it is at 1,380 km East of Aparri, Cagayan. With this development and unless re-intensification occurs, this is the final weather bulletin for this weather disturbance. Kindly monitor and report any untoward incident to PRC OPCEN at 09188076734; Landline- (02) 790 2300 OPERATIONS CENTER

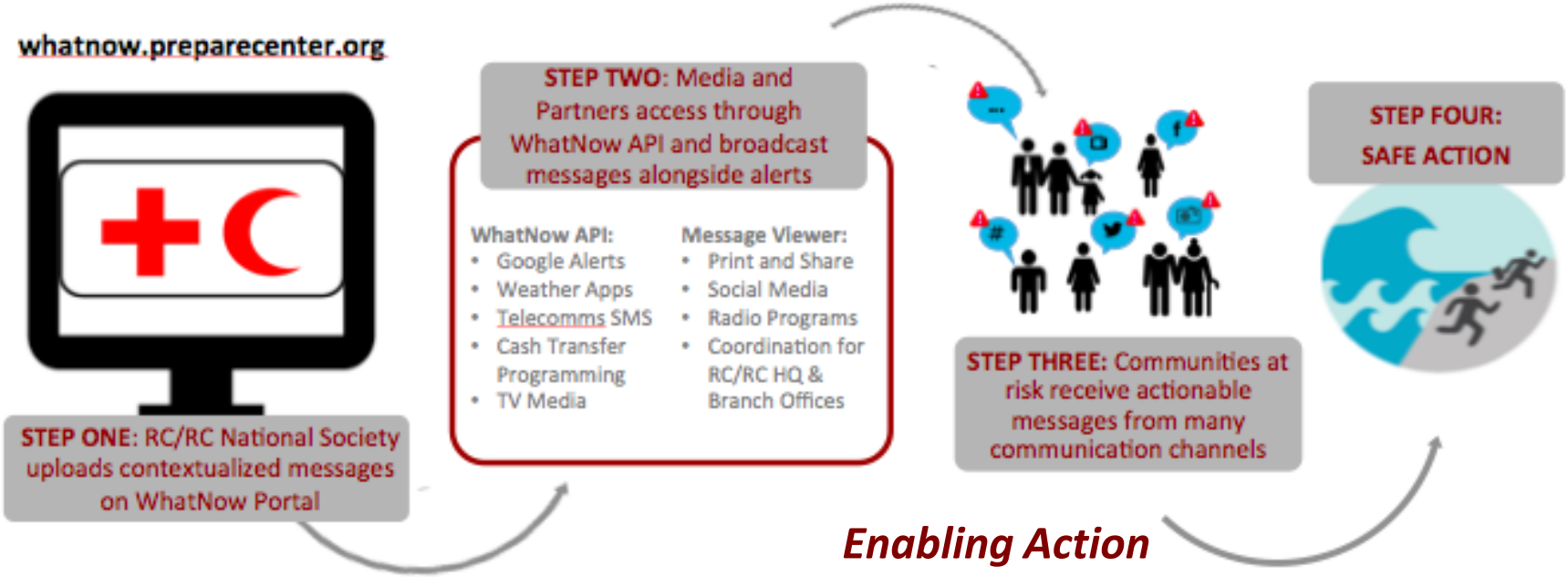
TYPE:	STATUS:	
Alert	Actual	
URGENCY:	SEVERITY:	CERTAINTY:
Immediate	Extreme	Immediate
SENT:	EFFECTIVE:	
02/28/19 15:53:37 -06:00	02/28/19 14:00:00 -06:00	
ONSET:	EXPIRES:	
02/28/19 14:00:00 -06:00	02/28/19 18:00:00 -06:00	

Alert from the The Philippine Red Cross Feed

More info: https://redcross.org.ph



WhatNow Service



Global Platform of RC/RC actionable and contextualized messages on how to prepare and respond to local hazards

- ✓ Based on PAPE – evidenced based, key messages for DRR
- ✓ Target audience: households and individuals.
- ✓ Messages contextualized and attributed to National Societies

20+ hazards || 78 languages || 6 urgency levels

Thank you.

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@portsinthestorm

www.preparecenter.org
@preparecenter

Global Disaster Preparedness Center