Common Alerting Protocol in the Philippines Rome, Italy – September 22-24, 2015

What is PAGASA?

- + PAGASA stands for Philippine Atmospheric Geophysical Astronomical Services Administration.
- + PAGASA as the National Meteorological and Hydrological Services (NMHS) of the Philippines shall be the "authoritative" voice in providing warnings to the public.
- + The Philippines, through the PAGASA is a member of the World Meteorological Organization (WMO), a specialized body of the United Nations

PAGASA on WMO Alert Hub

WMO Register of Alerting Authorities [home]

OID: 2.49.0.0.608.0 WMO Member: Philippines ISO 3166: PH PHL 608

Issuing Organization: Philippine Atmospheric Geophysical and Astronomical Services Administration

Hazard Categories: Met

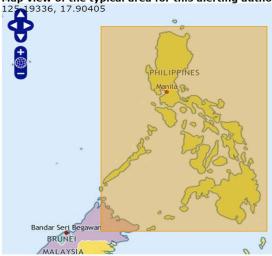
Authorization Basis: As a matter of policy, the agency provides typhoon alerts and warnings which is provided to Disaster Risk Reduction Offices and the public through media and web portals and related warning institution.

CAP Feed URL: http://publicalert.pagasa.dost.gov.ph/feeds/

Forecasts URL: http://www.worldweather.org/021/m021.htm

Alerting Area (NWSE): 19 117 5 127

Map view of the typical area for this alerting authority.



Hazard Categories

Geo: Geophysical (earthquakes, volcanoes,

tsunami, etc., includes landslide)

Met: Meteorological (weather, storms, etc.

includes flood)

Safety: General emergency and public safety

Security: Law enforcement, military, homeland and local/private security Rescue: Rescue and recovery Fire: Fire suppression and rescue Health: Medical and public health

Env: Pollution and other environmental **Transport**: Public and private transportation **Infra**: Utility, telecommunication, other non-

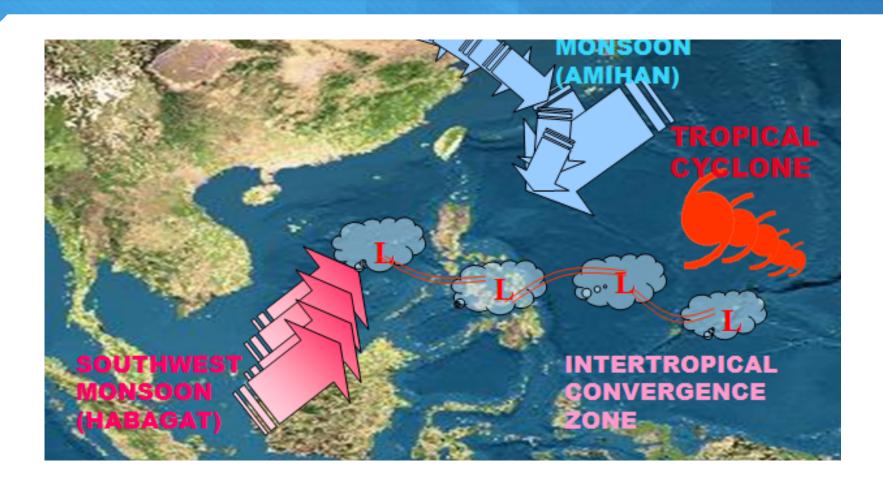
transport infrastructure

CBRNE: Chemical, Biological, Radiological, Nuclear or High-Yield Explosive threat or

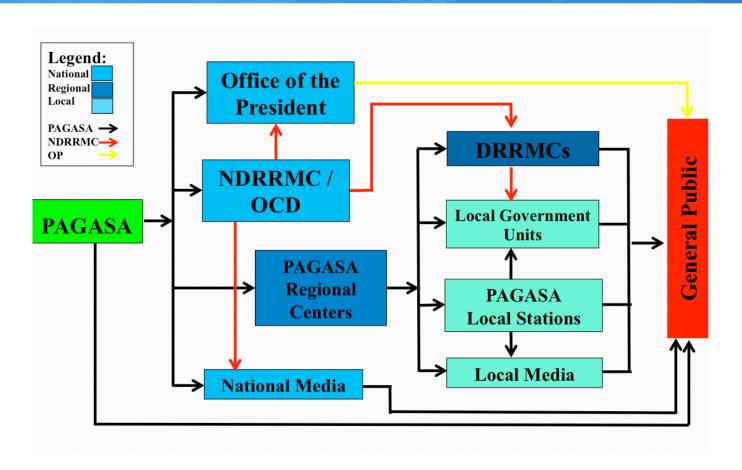
attack

Other: Other events

Weather Systems Affecting the Philippines



Information Dissemination Flow

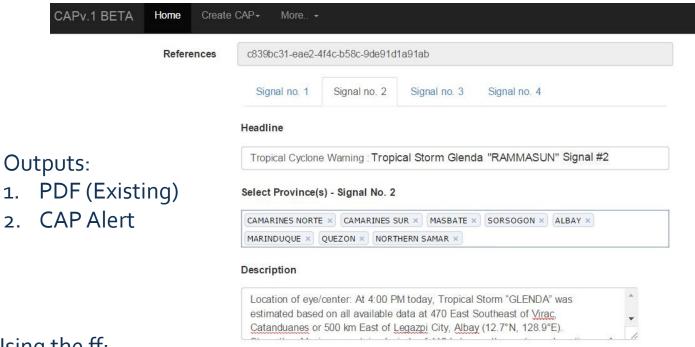


PAGASA CAP Development

- + Initiated by Google on May 2014
- + PAGASA Created a Team for CAP



Development of Tool



Using the ff:



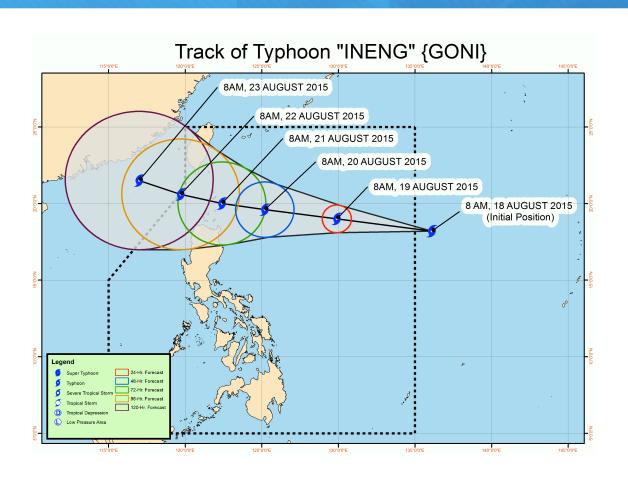
google.org Common Alerting Protocol Validator



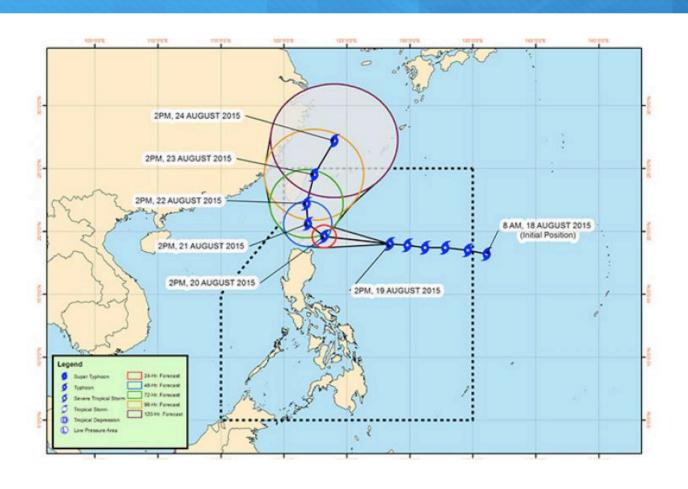




CAP: Tropical Cyclone Alert



CAP: Tropical Cyclone Warning



Next Steps..

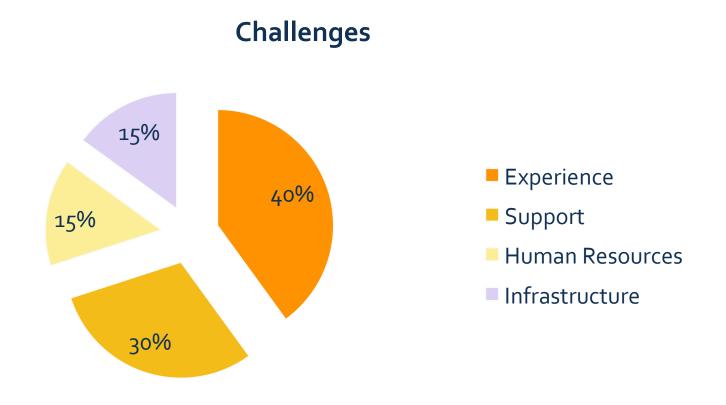
- + Defining Static and Dynamic Content
- + Testing CAP Alerts with Google
- + Implementation

+ Launching of PAGASA CAP with Google in the Philippines on

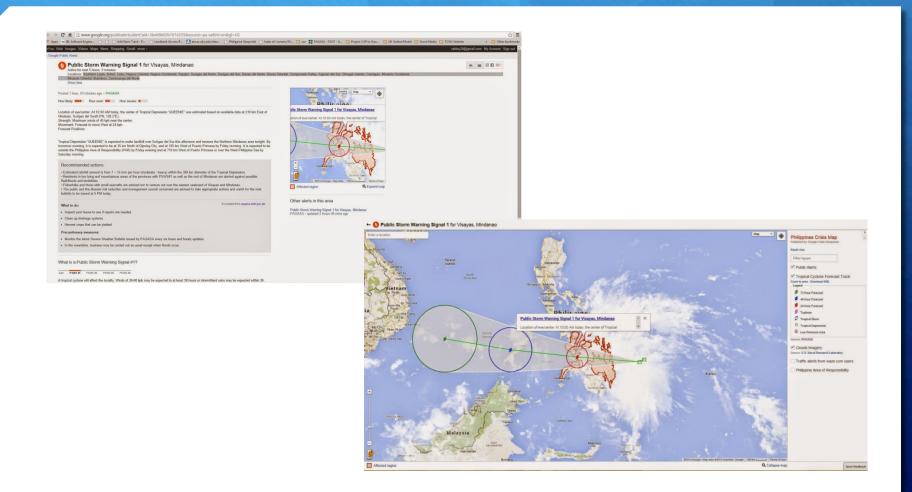
November 12, 2014



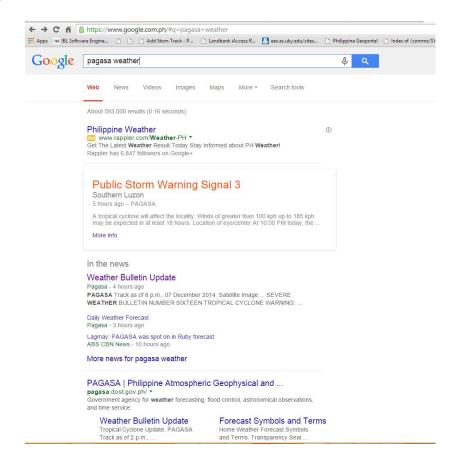
Challenges!

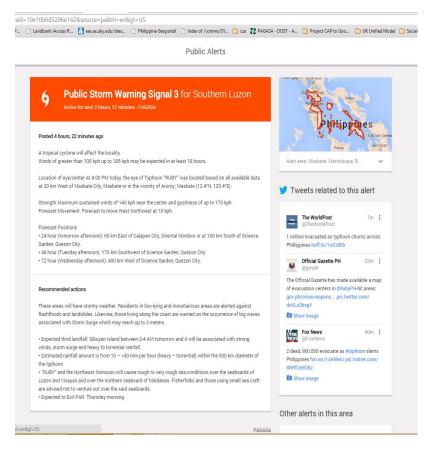


Birth of CAP in the Philippines

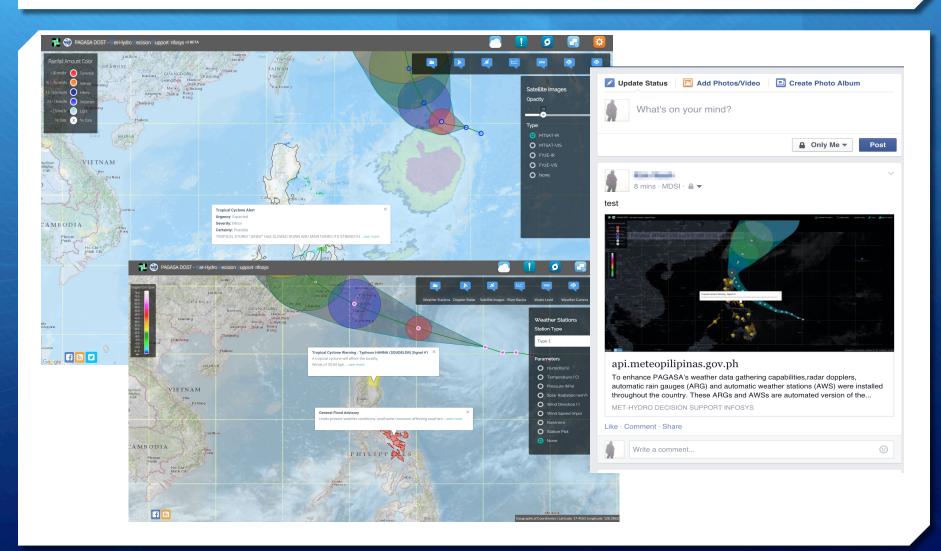


CAP alert on HAGUPIT(Ruby)



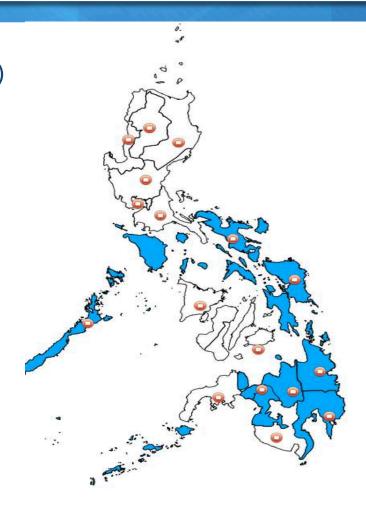


On-Going Activities within PAGASA

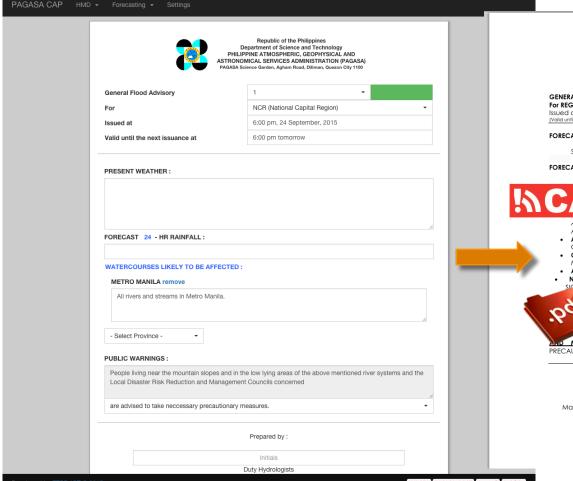


On-Going Activities within PAGASA

- + General Flood Advisory (GFA)
- General Flood Bulletin (GFB)



General Flood Advisory Tool





REPUBLIC OF THE PHILIPPINES Department of Science and Technology Philippine Atmospheric, Geophysical and

Astronomical Services Administration (PAGASA)
PAGASA Science Garden, Agham Road, Diliman, Quezon City 1100

GENERAL FLOOD ADVISORY # 8 For REGION 6 (WESTERN VISAYAS)

Issued at 6:00 PM, 22 September 2015 (Valid until the next issuance at 6:00 pm tomorrow)

FORECAST WEATHER:

SOUTHWEST MONSOON AFFECTING VISAYAS AND MINDANAO.

FORECAST 24-HR RAINFALL:

RATE RAINS AND ISOLATED THUNDERSTORMS

O BE AFFECTED:

IND ITS TRIBUTARIES PARTICULARLY PINANTAN, BAROTAC, AGAMAN, SIBALOM AND GUIMBAL.

AGAMAN, SIBALOM AND GUIMBAL.

- ANTIQUE RIVERS AND ITS TRIBUTARIES PARTICULARLY SIBALOM, IPAYO, CAGARANAN, PALAWAN, CAIRAUAN, DALANAS AND TIBIAO.
- CAPIZ RIVERS AND ITS TRIBUTARIES PARTICULARLY PANAY, MAMBUSAO, PANAY MALINAO, ALINGON AND BALANTIAN
- AKLAN RIVERS AND ITS TRIBUTARIES PARTICULARLY IBAJAY, AKLAN AND JALO.
- NEGROS OCCIDENTAL RIVERS AND ITS TRIBUTARIES PARTICULARLY MALOGO, SICABA, GRANDE, HIMOCAAN, DANAO, UPPER TYABANAN, SIPALAY, LOWER

HILABANGAN, UPPER ILOG, BINALBAGAN

LIVING NEAR THE MOUNTAIN SLOPES AND IN THE LOW LYING AREAS OF VE MENTIONED RIVER SYSTEMS AND THE LOCAL **DISASTER RISK REDUCTION**AND MANAGEMENT COUNCILS

CONCERNED ARE STILL ADVISED TO TAKE PRECAUTIONARY MEASURES

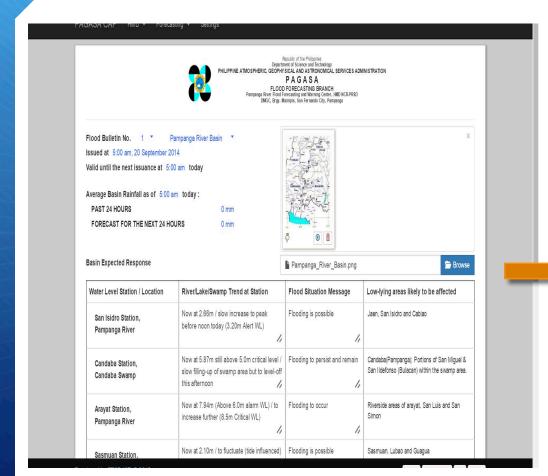
PREPARED BY:

RAB/EAC

Main Operation Center-Flood Forecasting and Warning Section (MOC-FFWS)
Hydrometeorology Division

loped by ETSD-ICT @ 2015 HMDGFA PAGASA-DOST Actual Public

General Flood Bulletin





PHILIPPINE ATMOSPHERIC, GEOHYSICAL AND ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)
Pampanga Plaver Flood Forecasting and Warning Center, Hydro-Meteorology Division/NCR, PRSD
Bity Mainsis, San Famanda, Pampanga (Genement Center), http://www.pdfilec.uelss.com



CAP on a MAP: Kickoff Workshop





CAP on a MAP: Implementers Training





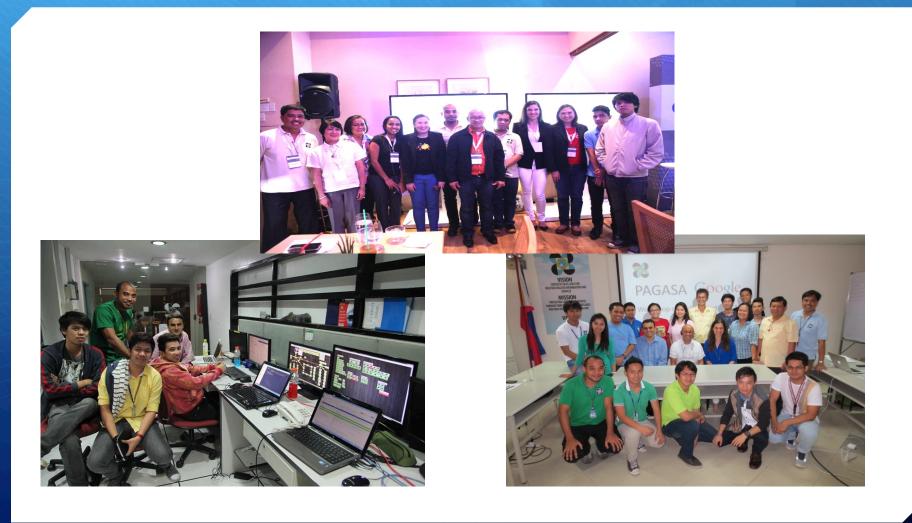




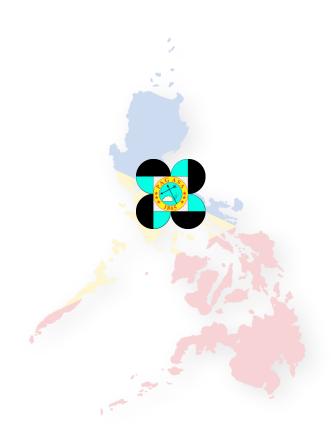
Future Development

- + Additional CAP alerts
- + Improving existing alerts
- + Inter-agency collaboration

CAP Development Team in Philippines



Thank you!



Tracking the sky...Helping the Country