



UPDATES OF THE PLATFORM ACTIVITIES

4-2. FLOOD FORECASTING & EARLY WARNING

PAGASA, ICHARM

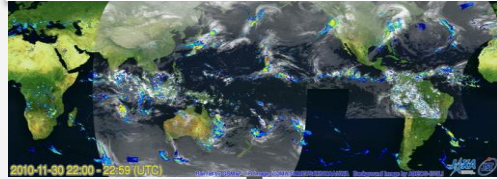
REALTIME SYSTEM DESIGN

Numerical
Weather
Prediction

GSM-TL959L100 2018.08.21.12UTC F1=000
(Valid Time: 08.21.12UTC)



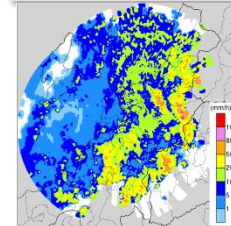
Satellite Rainfall
GSMaP



In-situ
Gauge



In-situ
Radar



Cloud Image
HIMAWARI-8



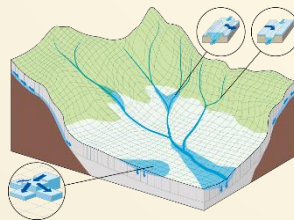
Dam
Operation


DIAS
Data Integration & Analysis System

Monitoring

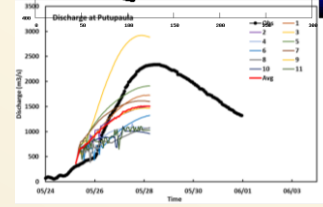
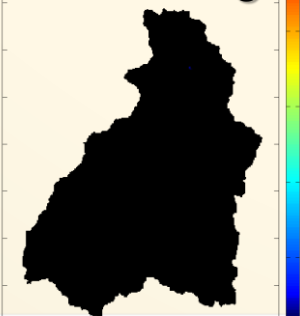


RRI Model
Simulation



- Inundation extent
- Inundation depth
- River discharge

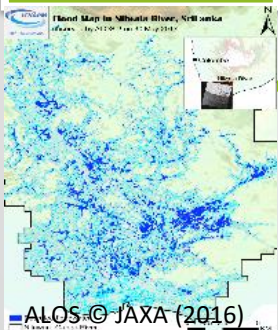
Forecasting



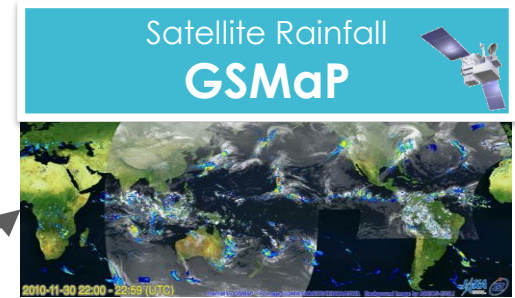
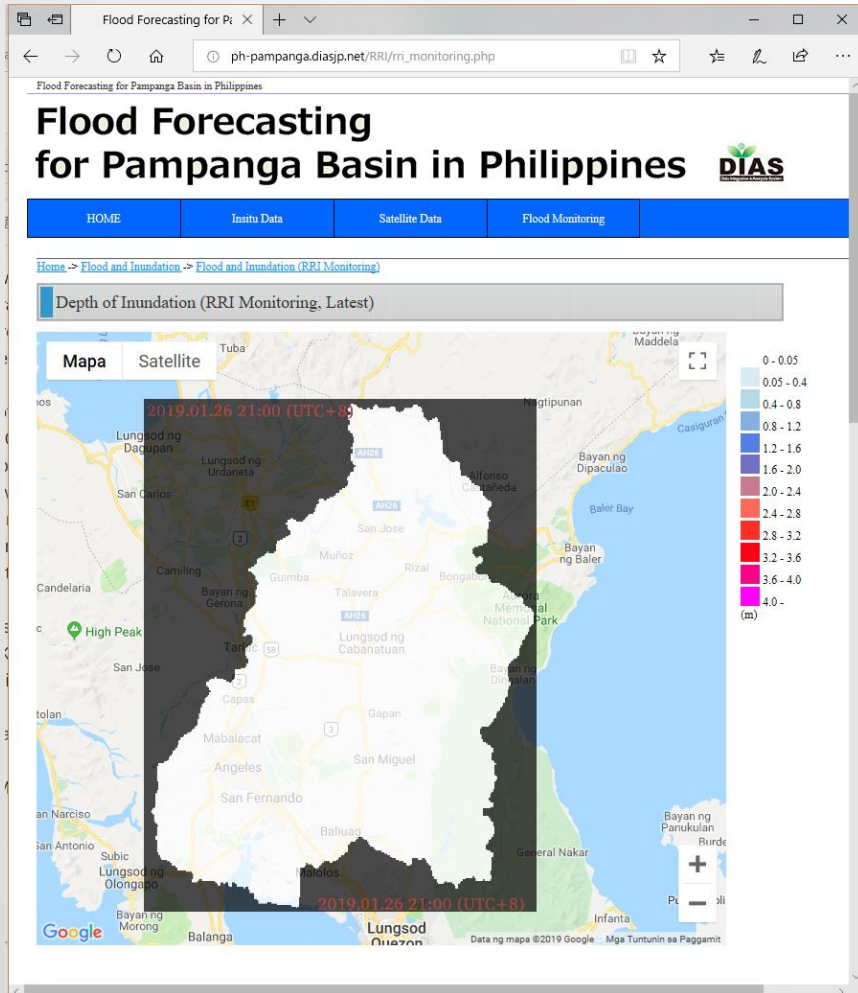
Flood prevention
& evacuation



Satellite Image
ALOS-2



PRELIMINARY VERSION



Realtime Access

