



Indonesian Flood Products and Dissemination

(Current Status of Development and Trial)

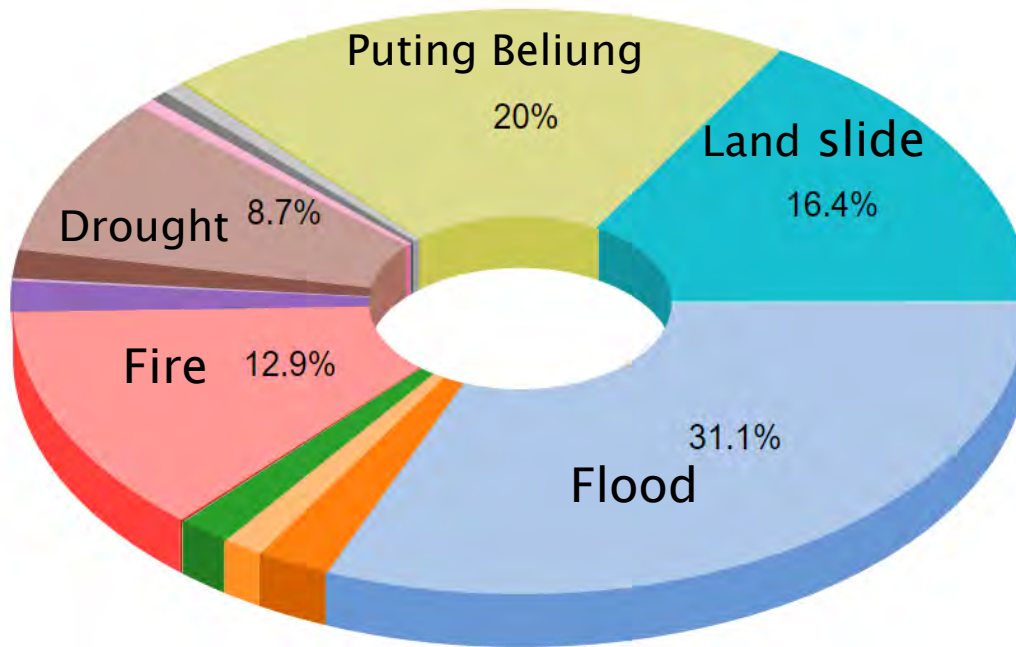
South Asia–Oceania FFGS (SOAFFGS) Initial Planning Meeting
Jakarta, 2 Februari 2016



Outline

- ▶ Disaster in Indonesia
- ▶ Flood Forecasting Map
- ▶ Flood Early Warning System

Disaster in Indonesia (1815 - 2015)

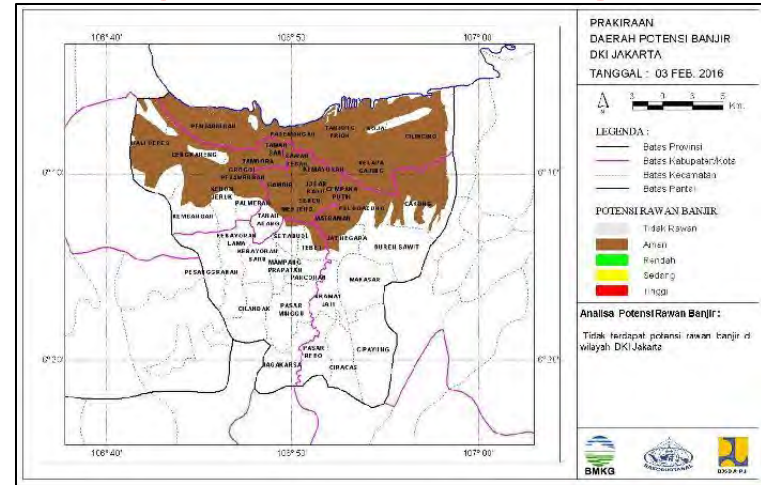


Flood Forecasting Map

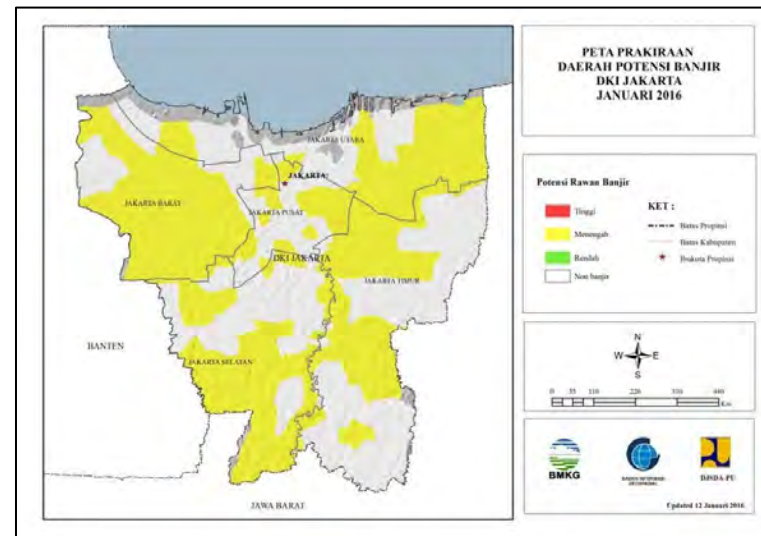
**FLOOD
FORECASTING MAP**



Daily Flood Forecasting Map



Monthly Flood Forecasting Map



Daily Flood Forecasting Map

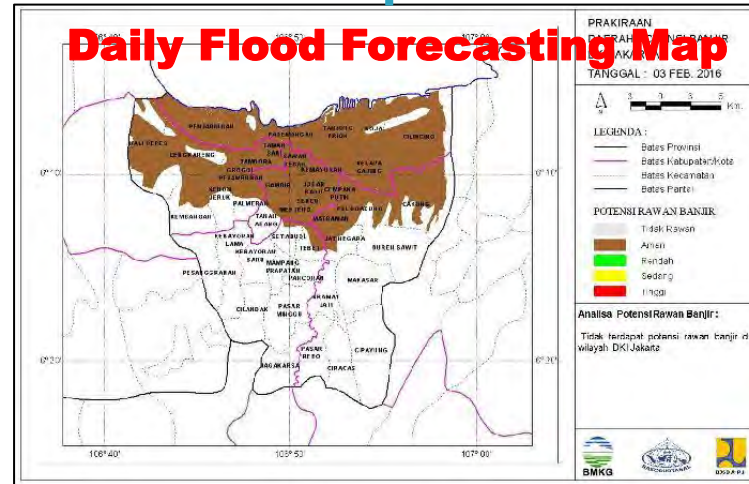
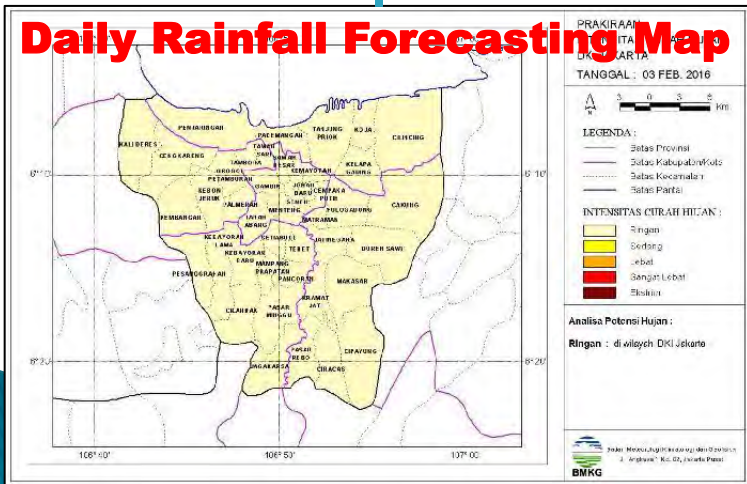
Daily Rainfall Forecast

Base Map (Jabodetabek)

Map of Flood Events

Overlay

Interpolation



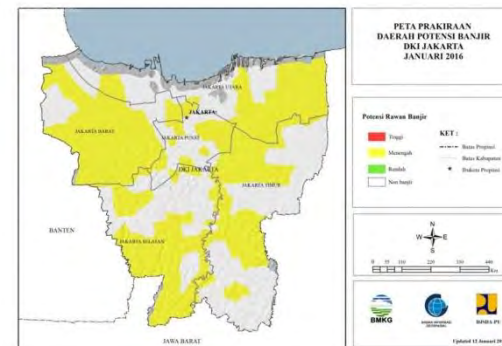
Monthly Flood Forecasting Map

Three months rainfall forecast data

Three month rainfall forecast map

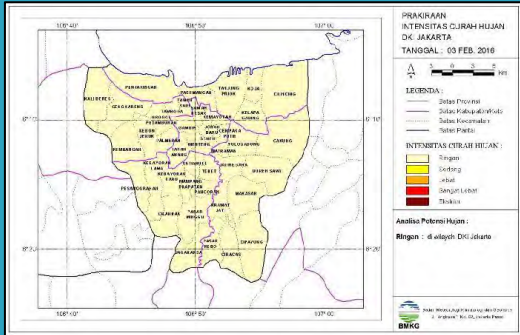
Map of Flood Events

Monthly Flood Forecasting Map

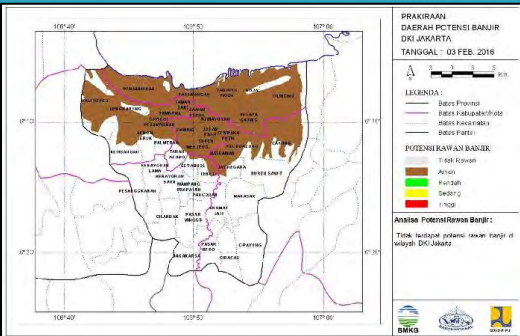




Product Dissemination



Website



Email

www.bmkg.go.id

- BNPB
- BPBD
- Local government
- Ministry of Environment and Forestry



Jakarta Flood Early Warning System



Main Components of Jakarta Flood Early Warning System (JFEWS)

JFEWS



**1. Rainfall
Observation**
(Synop, AWS, ARG, Radar,
Satellite)

**1. Water Level
Observation**

Forecast :

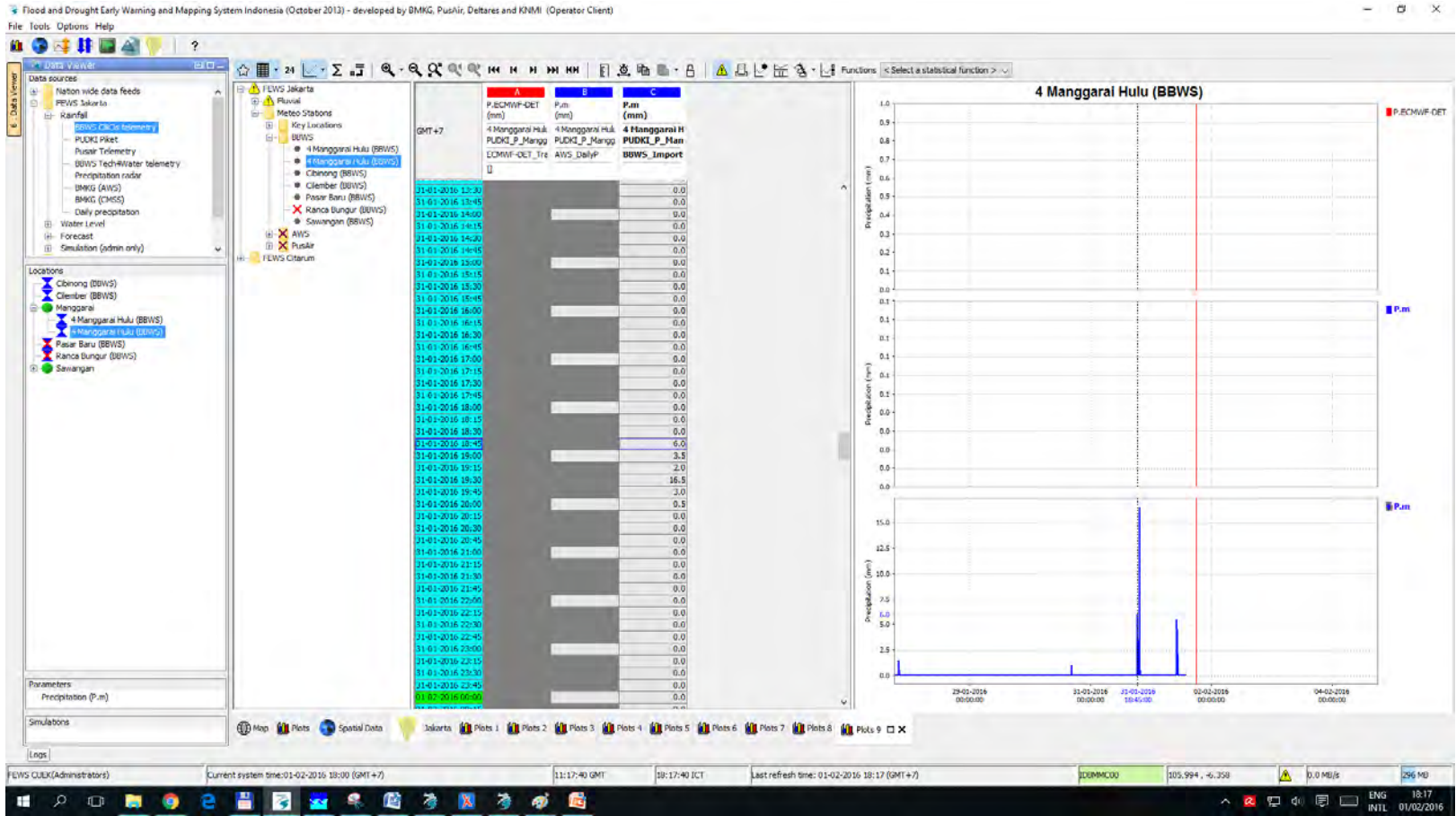
- water level
- Forecast of
flood coverage
area

(using SOBEK model)



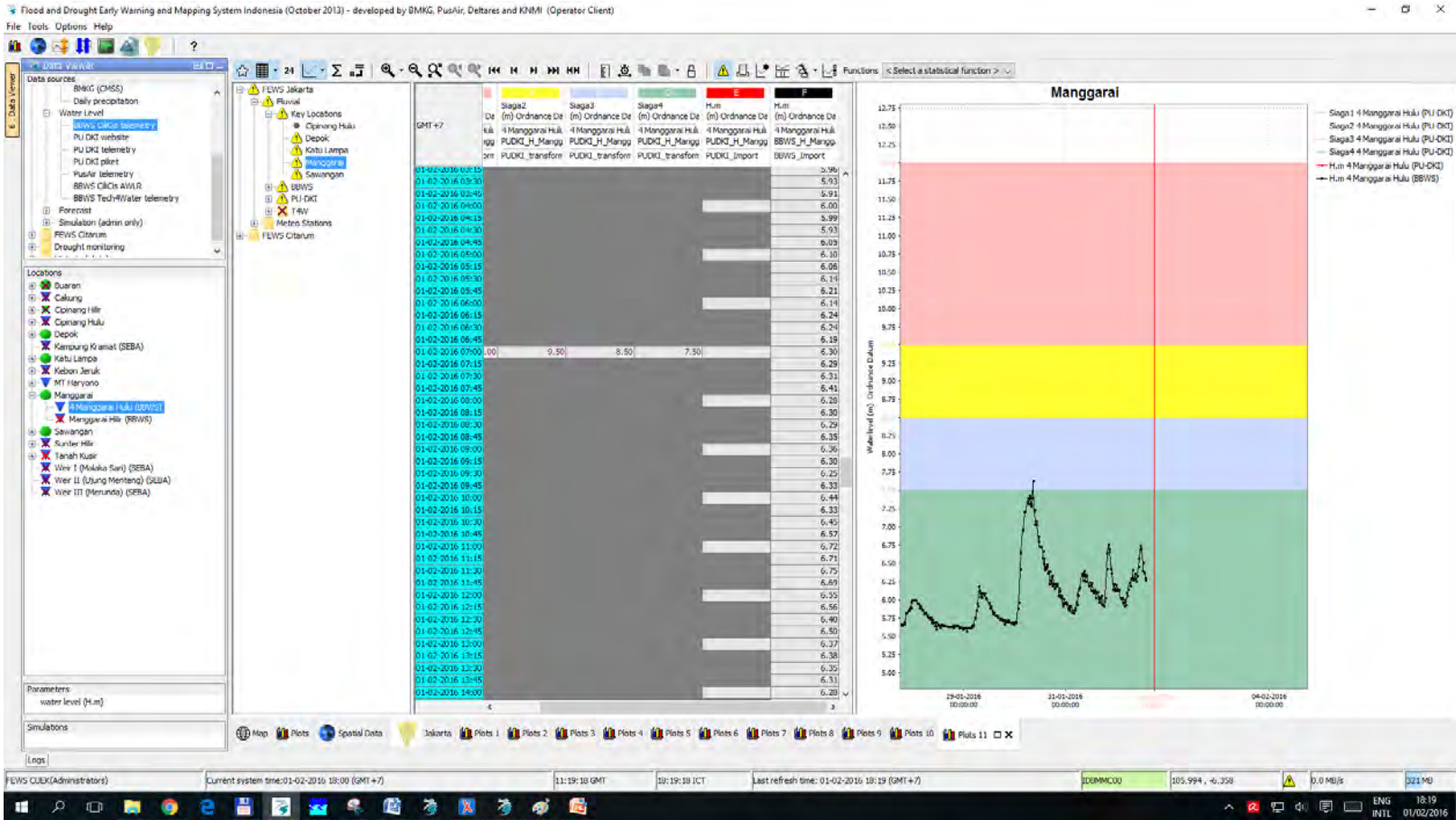


Rainfall Observation





Water Level Observation

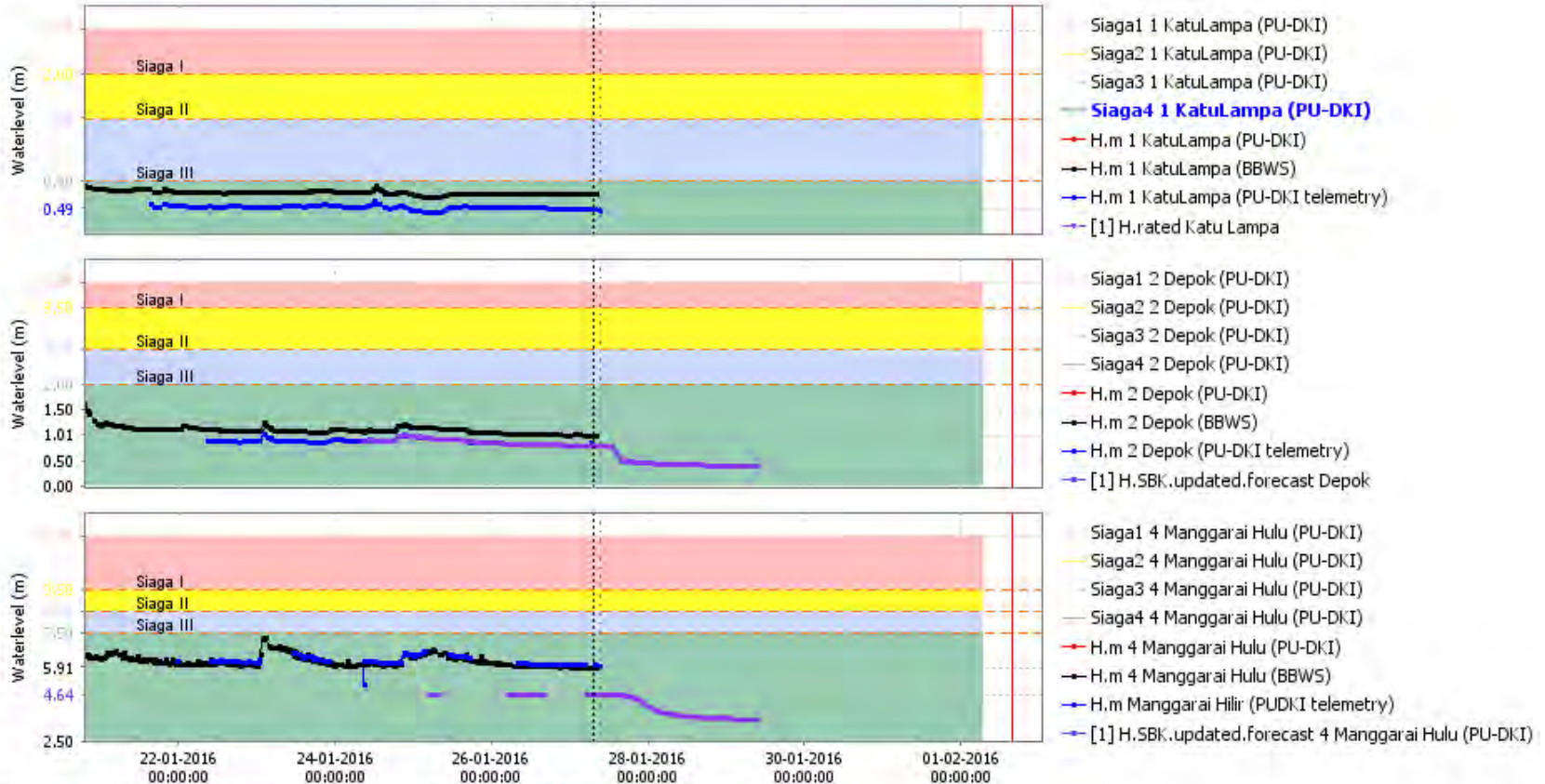


Flood Forecasting Model



Water Level Forecast

Ciliwung





Thank You

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