DEFINITIVE NATIONAL AGREEMENT (DNA)
OUTLINE

1. DEFINITIVE NATIONAL AGREEMENT/DNA
2. THE PARTIES
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DEFINITIVE NATIONAL AGREEMENT REGARDING

COASTAL INUNDATION FORECASTING SYSTEM
AT THE PROVINCE OF JAKARTA CAPITAL CITY
AND PROVINCE OF CENTRAL JAVA
IN THE PROGRAM IMPLEMENTATION OF WMO
COASTAL INUNDATION FORECASTING DEMONSTRATION PROJECT INDONESIA
THE PARTIES

THE AGENCY FOR METEOROLOGY CLIMATOLOGY AND GEOPHYSICS
OF THE REPUBLIC OF INDONESIA

AND

MINISTRY OF MARINE AFFAIRS AND FISHERIS
MINISTRY OF PUBLIC WORKS
THE GEOSPATIAL INFORMATION AGENCY
THE INDONESIAN NATIONAL BOARD FOR DISASTER MANAGEMENT
THE AGENCY FOR THE ASSESSMENT AND APPLICATION OF TECHNOLOGY
NATIONAL INSTITUTE OF AERONAUTICS AND SPACE
PROVINCIAL GOVERNMENT OF JAKARTA
THE NATIONAL BOARD FOR DISASTER MANAGEMENT OF CENTRAL JAVA PROVINCE
As coordinator for development of Rob flood forecasting system

Development the model of Rob flood;

providing weather data (air pressure, wind, air temperature, air humidity, rainfall) and wave height of observation stations of BMKG in Jakarta and Semarang;

providing and disseminating of the Rob flood forecasting and early warning;
Disseminating information of Rob flood forecasting and early warning to coastal community and fishermen.

Providing data of coastal current and astronomical tide.
MINISTRY OF PUBLIC WORKS

Providing data of river water level and river water flow from the river water, and characteristics of river flow region.
THE GEOSPATIAL INFORMATION AGENCY

- Providing tidal data, the data on sea levels and bathymetry from monitoring stations of the Geospatial information agency in Jakarta and Semarang
- Providing digital land elevation data in the coastal zone of Indonesia
- Providing sea level data, including those derived from tidal stations and bathymetry.
THE INDONESIAN NATIONAL BOARD FOR DISASTER MANAGEMENT

Conducting dissemination of the information of robust flood forecasts and early warning.
THE AGENCY FOR THE ASSESSMENT AND APPLICATION OF TECHNOLOGY

- Providing data of ocean waves
- Conducting validation of Rob modeling
- Providing deep sea wave, offshore and shallow marine near by the shore.
Providing data of satellite of SSHA, wind and waves
Providing data of satellite Landsat, Spot 5 and 6
Providing data of sea breeze, sea surface temperature, waves, height anomaly of sea surface which is derived from satellite.
PROVINCIAL GOVERNMENT OF JAKARTA CAPITAL CITY

- Providing the DEM data from Jakarta in 2010 with a contour interval of 25 cm.
- Providing data of bathymetry from entire northern coast of Jakarta to depths of 10-12 meters.
- Providing pillar of 200 GPS point with data based on the calculation of pi MSL (Mean Sea Level) for the purpose of development the rob flood model.
- Providing a map scale of 1:1000 and aerial photo scale 1:1000 for the purpose of development for rob flood model.
- Providing structural information, land use and maps of the area affected by rob flood.
- Disseminating information of rob flood forecasting and early warning.
- Providing data of coast structure, land use data, coastal inundation map.
- Providing the digital altitude data of land in the coastal area of Indonesia.
Province Government of Central Java

- Providing information of structure, land use and maps of the area which is affected by rob flood.
- Disseminating information of rob flood forecasting and early warning.
- Providing data of coast structures, land use data, and coastal inundation map.
DURATION OF DNA

3 YEARS
PLAN OF SIGNING

ON FIRST WEEK OF NOVEMBER 2014
CIFDP National Team Member

- BMKG as coordinator.
- 1 person as representation of each ministry.
THANK YOU