NATIONAL REPORT
INDONESIA TSUNAMI EARLY WARNING SYSTEM
(InaTEWS)
INDONESIA

AGENCY OF METEOROLOGY CLIMATOLOGY AND GEOPHYSICS
Jl. Angkasa I No : 2, KEMAYORAN, Telp. 4246321, fax : 4246703, website : http://bmg.go.id
JAKARTA
A. Contact Person
B. DATA AND INFORMATION FLOW of InaTEWS
C. Web sites of InaTEWS
D. Future plan on InaTEWS Improvement
A. Contact Person

1. Tsunami National Contact (TNC) : Dr. P.J. Prih Harjadi

2. Tsunami Warning Focal Point : Mr. Suhardjono

3. National Tsunami Warning Centre : Dr. Wandono

4. Tsunami Advisory
   - Seismic : Mr. Nyoman Sukanta
   - Tide gauge and gps : Ibnu Sofian
   - Buoy : Dr. Wahyu Pandoe
B. DATA AND INFORMATION FLOW of InaTEWS

**UP STREAM**

- BPPT (NC–Buoys)
- BMKG (NC–Seismic, NC–Accelerometer, NC–Tide Gauges, NC–GPS)
- BIG (NC–Tide Gauges, NC–GPS)

**DOWN STREAM**

- INSTITUTIONS INTERFACE:
  - BNPB
  - MINISTRY OF HOME AFFAIRS
  - NATIONAL POLICE, MILITARY
  - PRIVATE COMPANY
  - MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY
  - LOCAL GOVERNMENT
- ELECTRONIC MEDIA
  - TV, RADIO, MEDIA ON LINE
- DISSEMINATION FACILITIES
- GSM PROVIDER
- USER CELLPHONE
- INTERNET PROVIDER
- SOCIAL COMMUNITY NETWORK
- LOCAL GOVERNMENT
- PROV. GOV
- DISTRIC GOV
- CITY GOV
- Sirens

**RESIDENT / COASTAL COMMUNITIES**
UP STREAM

Step by Step Activities at the Center

1. Earthquake parameter determination

2. Fulfill Earthquake potentially tsunamigenic Magnitude 7.0 (7.8 for distant) or greater, depth <100km, location off shore

3. Threat classification, map of tsunami treat area
   a. Segmentation (district level)
   b. Level of threat (advisory, warning, major warning correspond to estimated tsunami height)
   c. Estimated time time arrival
UP STREAM

Step by Step Activities at the Center (cont.)

4. Disseminate bulletin number 1 in within 5 minutes,
5. Contact to local government at the under threat area.
6. Inform senior officers in charge
7. Disseminate bulletin number 2, updated earthquake parameter and tsunami warning at the area under threat.
8. Verify earthquake information and tsunami warning from other centers such as PTWC, JMA, WPTAC, USGS, GFZ, ITEWS, and JATWC.
10. Disseminate the termination of tsunami warning, after having approval from senior officer.
11. Report preparation on the event
DOWN STREAM
Dissemination facilities
- SMS (10.000)
- Email (500), face book (300.000) and Twiter (750.000)
- Fax (30)
- Website
- WRS (250)
- GTS
- Sirine (23)
C. Web sites of InaTEWS

- http://inatews.bmkg.go.id
- http://www.bmkg.go.id
- http://aeic.bmkg.go.id
- http://rtsp.bmkg.go.id
D. Future Plans for InaTEWS Improvement

• Extension seismic network
• Setting Up Radar Tsunami
• *Extension of* Tide gauge and GPS for Tsunami
• Setting up cable-based tsunameter (CBT) system
• Extension of CCTV Network
• Extension of down stream communication system
• Intensifying TOT
• Intensifying tsunami drill
• REGIONAL SOP TRAINING WORKSHOP
THANK YOU VERY MUCH

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