

**COORDINATING MINISTER FOR PEOPLE'S WELFARE OF THE
REPUBLIC OF INDONESIA**

**DECREE OF THE
COORDINATING MINISTER FOR PEOPLE'S WELFARE OF THE REPUBLIC OF
INDONESIA IN THE CAPACITY OF EXECUTIVE DIRECTOR FOR NATIONAL
COORDINATING AGENCY FOR DISASTER MANAGEMENT (BAKORNAS PB)
Number: 21/KEP/MENKO/KESRA/IX/2006**

CONCERNING

**APPOINTMENT OF A GOVERNMENT INSTITUTION AS FOCAL POINT AND
ESTABLISHMENT OF A TSUNAMI EARLY WARNING SYSTEM DEVELOPMENT
TEAM**

**COORDINATING MINISTER FOR PEOPLE'S WELFARE OF THE REPUBLIC OF
INDONESIA IN THE CAPACITY OF EXECUTIVE DIRECTOR OF THE
NATIONAL COORDINATING AGENCY FOR DISASTER MANAGEMENT
(BAKORNAS PB)**

Considering :

- a. that a majority of Indonesia's territory is vulnerable to earthquake and tsunami disasters;
- b. that the earthquake and tsunami disasters in Nanggroe Aceh Darussalam and North Sumatra and West Java have raised awareness on the importance of developing a Tsunami Early Warning System in Indonesia;
- c. that to develop such a system, the State Minister for Research and Technology has coordinated a variety of agencies in preparing a grant scenario Tsunami Early Warning System;
- d. that to implement such a programme, there is a need to identify a government institution to act as focal point of the Tsunami Early Warning System Component and to set up a Tsunami Early Warning System Development Team by virtue of the Decree of the Coordinating Minister for People's Welfare.

In view of :

1. Law No. 18 of 2002 concerning on the National System for Research, Development and Application of Science and Technology;
2. Law No. 32 of 2004 concerning Regional Administrations as amended by Law No. 8 of 2005;
3. Presidential Regulation No. 9 of 2005 concerning Positions, Duties, Functions, Organizational Structures and Working Mechanisms of State Ministers as latest amended by Presidential Regulation No. 62 of 2005;
4. Presidential Decree No. 20/P of 2005;
5. Presidential Instruction No. 4 of 2003 concerning Coordination of the Formulation and Implementation of Strategic Policies for National Development of Science and Technology.

RESOLVED:

- Enacted : **DECREE OF THE COORDINATING MINISTER FOR PEOPLE'S WELFARE OF THE REPUBLIC OF INDONESIA CONCERNING APPOINTMENT OF A GOVERNMENT INSTITUTION AS FOCAL POINT AND ESTABLISHMENT OF A TSUNAMI EARLY WARNING SYSTEM DEVELOPMENT TEAM**
- First : To appoint that Government Institution as described in Annex 1 hereof as focal point of the Tsunami Early Warning System Component in Indonesia;
- Second : To set up a Tsunami Early Warning System in Indonesia of which team is made up of an Advisory Board, Steering Committee and Executive Team, as described in Annex 2 hereof;
- Third : The Government Institution appointed as focal point of the Tsunami Early Warning System in Indonesia has the following duties:
1. The State Ministry for Research and Technology appointed as coordinating focal point for Tsunami Early Warning System Development coordinates technical and operational activities of Tsunami Early Warning System Development with all government institutions involved and is accountable to the Coordinating Minister for People's Welfare.
2. Government Institution Officials appointed as focal points of the Tsunami Early Warning System component at all times coordinate any plans and the realization of the Tsunami Early Warning System Component amongst each other and are accountable to the State Minister for Research and Technology;
- Fourth : The Development Team has the following duties:
1. the Advisory Board, led by a chairperson, provides policies on Tsunami Early Warning System Development;
2. the Steering Committee, led by a chairperson, provides technical and operational directives on Tsunami Early Warning System Development;
3. the Executive Team, led by a chairperson, coordinates technical and operational activities of Tsunami Early Warning System Development with all government institutions involved;
- Fifth : Costs arising out of Tsunami Early Warning System Development duties are borne by each respective government institutions.
- Sixth : To ensure stronger operations of Tsunami Early Warning System Development, the Development Team under the Executive Team may be further developed by setting up Working Groups as needed by virtue of a separate decree of the State Ministry for Research and Technology, appointed as coordinating focal point of Tsunami Early Warning System Development;

Seventh : This decree will be effective on the date of enactment under the condition that any mistake discovered herein in the future will be duly corrected.

A CITATION hereof will be given to relevant parties for acknowledgement and proper use.

Enacted in Jakarta
Date: 26 September 2006

Coordinating Minister for People's Welfare of the Republic of Indonesia in the capacity of Executive Director for Bakornas PB
[signed]
Aburizal Bakrie

CC to:

1. Chairperson of Bakornas PB;
2. Minister of Foreign Affairs;
3. Minister of Home Affairs;
4. Minister of Transportation;
5. Minister of National Education;
6. State Minister for Communication and Information;
7. State Minister for National Development Planning/ Chairperson of Bappenas;
8. State Minister for Research and Technology;
9. Minister of Energy and Mineral Resources;
10. Minister of Fisheries and Maritime Affairs;
11. State Minister for the Environment;
12. State Minister for Culture and Tourism;
13. Chief of the National Police (Polri);
14. Armed Forces Commander (TNI);
15. Head of the Meteorology and Geophysical Agency (BMG);
16. Head of the Agency for the Development and Application of Technology (BPPT);
17. Head of the National Institute of Science (LIPI);
18. Head of the National Mapping and Survey Coordinating Board (Bakosurtanal);
19. Head of the National Space and Aviation Institute (LAPAN);
20. Rector of the Bandung Institute of Technology (ITB).

Annex I
Decree of the Coordinating Minister for People's Welfare
Number : 21/KEP/MENKO/KESRA/IX/2006
Date : 26 September 2006

**GOVERNMENT INSTITUTIONS AS
FOCAL POINTS OF THE
TSUNAMI EARLY WARNING SYSTEM DEVELOPMENT COMPONENT**

NO.	TSUNAMI EARLY WARNING SYSTEM COMPONENT	FOCAL POINT	OFFICIAL IN CHARGE	OTHER RELEVANT GOVT INSTITUTIONS
I	Coordinator of Tsunami Early Warning System Development	Kemenristek	State Minister for R & T	Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB
II	Operational Component			
1.	Seismic Monitoring (Deployment-Monitoring, Processing, Analysis-Dissemination)	BMG	Head	Dep ESDM, LIPI
2.	Oceanographic Monitoring (DART-Buoys System, Tide Gauges)	BPPT	Head	Bakosurtanal, DKP, BMG
3.	Coastal Deformation (GPS Measurement)	Bakosurtanal	Head	LIPI, ITB
4.	Operational Center (National Center for Earthquake and Tsunami Disasters, DART-Buoys Center, Tide Gauges Center, GPS Center)	BMG	Head	Bakosurtanal, BPPT, LAPAN, ITB
5.	Dissemination System	BMG	Head	Kemenkominfo, Depagri, Polri, TNI, Bakornas PB, Kemenristek
III	Capacity Building			
1.	Earthquake and Tsunami Modeling	BPPT	Head	ITB, LIPI, BMG, DKP, LAPAN
2.	HRD	Kemenristek	Deputy Minister for Utilization and Dissemination of S & T	Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depdagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB
3.	Conference/ Workshop/ Seminar/ Meeting	Kemenristek	Deputy Minister for Utilization and Dissemination of S & T	Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depdagri, KLH, BMG, BPPT, LIPI,

NO.	TSUNAMI EARLY WARNING SYSTEM COMPONENT	FOCAL POINT	OFFICIAL IN CHARGE	OTHER RELEVANT GOVT INSTITUTIONS
				Bakosurtanal, LAPAN, Bakornas PB, ITB
4.	Geological R & D	LIPI	Deputy for Geological Sciences	Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depdagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB
5.	Increasing local content in equipment	Kemenristek	Deputy Minister for Utilization and Dissemination of S & T	LIPI, BMG, ITB, Bakosurtanal
IV	Mitigation, Emergency Response, Rehabilitation and Reconstruction			
1.	Community Preparedness and Awareness	LIPI	Head	Dep ESDM, Bakornas PB, Depagri, KLH, DKP, Depdiknas
2.	Public Education	Depagri	Director-General for General Administration	Kemenkokesra, Bappenas, Dep ESDM, DKP, Kemenkominfo, Deplu, Depdiknas, Kemenbudpar, Polri, TNI, Depdagri, KLH, BMG, BPPT, LIPI, Bakosurtanal, LAPAN, Bakornas PB, ITB
3.	Tsunami Drill	Kemenristek	Deputy Minister for Utilization and Dissemination of S & T	Kemenkominfo, Kemenbudpar, BMG, DKP, Polri, LIPI, TNI, Depdagri, KLH, BMG, LIPI, LAPAN, Bakornas PB, ITB
V	Supporting Component			
1.	Information and Communication Technology	Kemenkominfo	Director-General for Communication and Information Dissemination Facilities	BMG, BPPT, Bakosurtanal, Kemenristek, LAPAN, KLH
2.	Geospatial Data and Information	Bakosurtanal	Head	LAPAN, Depdagri, KLH

Coordinating Minister for People's Welfare of the Republic of Indonesia in the capacity of Executive Director for Bakornas PB
[signed]
Aburizal Bakrie

Kemenristek	= State Ministry for Research and Technology
Kemenkokesra	= Coordinating Ministry for People's Welfare
Bappenas	= National Development Planning Agency
Dep ESDM	= Ministry of Energy and Mineral Resources
DKP	= Ministry of Fisheries and Maritime Affairs
Kemenkominfo	= State Ministry for Communication and Information
Deplu	= Ministry of Foreign Affairs
Depdiknas	= Ministry of National Education
Kemenbudpar	= State Ministry for Culture and Tourism
Polri	= National Police
TNI	= National Army
Depagri	= Ministry of Home Affairs
KLH	= State Ministry for the Environment
BMG	= Meteorology and Geophysical Agency
BPPT	= Agency for the Development and Application of Technology
LIPI	= National Institute of Science
Bakosurtanal	= National Mapping and Survey Coordinating Board
LAPAN	= National Space and Aviation Institute
Bakornas PB	= National Coordinating Agency for Disaster Management
ITB	= Bandung Institute of Technology

Annex II**Decree of the Coordinating Minister for People's Welfare**

Number : 21/KEP/MENKO/KESRA/IX/2006

Date : 26 September 2006

TSUNAMI EARLY WARNING SYSTEM DEVELOPMENT TEAM

Coordinating Minister for People's Welfare		<p style="text-align: center;">ADVISORY BOARD</p> <p>Chair: Coordinating Minister for People's Welfare</p> <p style="text-align: center;">Members:</p> <ol style="list-style-type: none"> 1. Minister of Foreign Affairs 2. Minister of Home Affairs 3. Minister of Transportation 4. Minister of National Education 5. State Ministry for Communication and Information 6. State Minister for National Development Planning/ Chairperson of Bappenas 7. State Minister for Research and Technology 8. Minister of Energy and Mineral Resources 9. Minister of Fisheries and Maritime Affairs 10. State Minister for the Environment 11. State Minister for Culture and Tourism 12. Chief of the National Police (Polri) 13. Armed Forces Commander (TNI)
STEERING COMMITTEE		
<p>Chair: State Minister for R & T Deputy I: Head of BMG Deputy II: Menkokesra Deputy for Social Welfare Deputy III: Menristek Deputy for Utilization and Dissemination of S & T</p>		
Members:		
<ol style="list-style-type: none"> 1. Deputy to Head of BMG for Data and Information Systems, BMG 2. Deputy to Head of LIPI for Geological Sciences 3. Director-General for Communication and Information Dissemination Facilities, Kemenkominfo 4. Deputy to Head of LAPAN for Remote Sensing 5. Secretary-General of Deplu 6. Director-General for General Administration, Depdagri 7. Head of the Geology Agency, DEP ESDM 8. Director-General for Tourist Destination Development, Kemenbudpar 	<ol style="list-style-type: none"> 9. Deputy of Kapolri for Operations 10. Chief of General Staff, TNI 11. Rector of ITB 12. Deputy to Head of BPPT for Natural Resources Development 13. Deputy to Head of Bakosurtanal for Base Mapping 14. Deputy to KLH Minister for the Development of Technical Facilities and Capacity Building 15. Deputy to Chairperson of Bakornas PB for Disaster Management 16. Chief of the Fisheries and Maritime Affairs Research Center, DKP 17. Deputy to the chairperson of Bappenas for economic affairs 	
EXECUTIVE TEAM		
<p>Chair: Assistant to Deputy for Science and Technology Needs Assessment, Kemenristek Deputy I: Chief of the Center of Geophysical Data and Information System, BMG Deputy II: Assistant to Deputy for Social Insecurity, Kemenkokesra Deputy III: Assistant to Deputy for Diffusion and Dissemination of Science and Technology, Kemenristek</p>		
Members:		
<ol style="list-style-type: none"> 1. Chief of the Observatory Network Center, BMG 2. Chief of the Geotechnological Research Center, LIPI 3. Center of the Oceanographic Research Center, LIPI 4. Chief of Center for Population, LIPI 5. Director for Institutional Government Communication, Kemenkominfo 6. Director for Disaster Management, Prevention and Mitigation, Depdagri 7. Chief of the Bureau for Mitigation, Bakornas PB 8. Director for Asean Functional Cooperation, Deplu 9. Chief of the Fisheries and Maritime Affairs Research Center 10. Chief of the Maritime Survey Technology Center, BPPT 	<ol style="list-style-type: none"> 11. Chief of the Maritime and Aerospace Base Mapping Research Center, Bakosurtanal 12. Director for Tourism Production, Kemenbudpar 13. Chief of the Control and Operations Center, Polri 14. Chief of the Control and Operations Center, TNI 15. Chief of the Geodesic and Geodynamic Center, Bakosurtanal 16. Assistant to Deputy for Environmental Data and Information, KLH 17. Chief of the Natural Disaster Mitigation Center, ITB 18. Chief of the Volcanology and Disaster Mitigation Center, DEP ESDM 19. Chief of the Center for Remote Sensing Technology Development and Utilization, LAPAN 20. Director for Science and Technology Industry and State-Owned Enterprises, Bappenas 	

Coordinating Minister for People's Welfare of the Republic of Indonesia in the capacity of Executive Director for Bakornas PB

[signed]

Aburizal Bakrie