

Emergency Situation Report
Number 12
Earthquake in North Sumatra Province and NAD Province, Indonesia
19 April 2005

This report is prepared by WHO, Indonesia.

Reporting date

19 April 2005 (Tuesday)

Type of Emergency

Earthquakes, volcano eruption.

Date and time of emergency incidence

28 March 2005 (Monday), 23:09:06 hrs.

History of the earth quake and place

- A great earthquake was noted at 23:09:36 hrs, local time at epicenter, on Monday, March 28, 2005. The magnitude was 8.7 on the Richter scale and located in NORTHERN SUMATRA, INDONESIA. The epicenter was located 90 km south of Sinabang with 30 Km Depth 2.065 N 97.010 E
- The earthquake was also felt in Thailand, Singapore, Malaysia and Cocos Island, Australia
- More than 700 aftershocks recorded on island of Nias, 48 aftershocks following the initial earthquake, a further 628 over the following two days and 51 in the first eight hours on 31 March.
- Three hours after the first shock, there were more than 110 aftershock, one of them with magnitude of 6.5 Richter Scale
- On Tuesday, 12 April 2005 at 3:42 am local time (20:42 GMT Monday) the volcano Mount Talang erupted and spewed volcanic ash about one kilometer around its peak
- It is a stratovolcano with 8 confirmed eruptions between 1833 and 1968 and is located around 40 km East of Padang City, Capital of West Sumatera Province

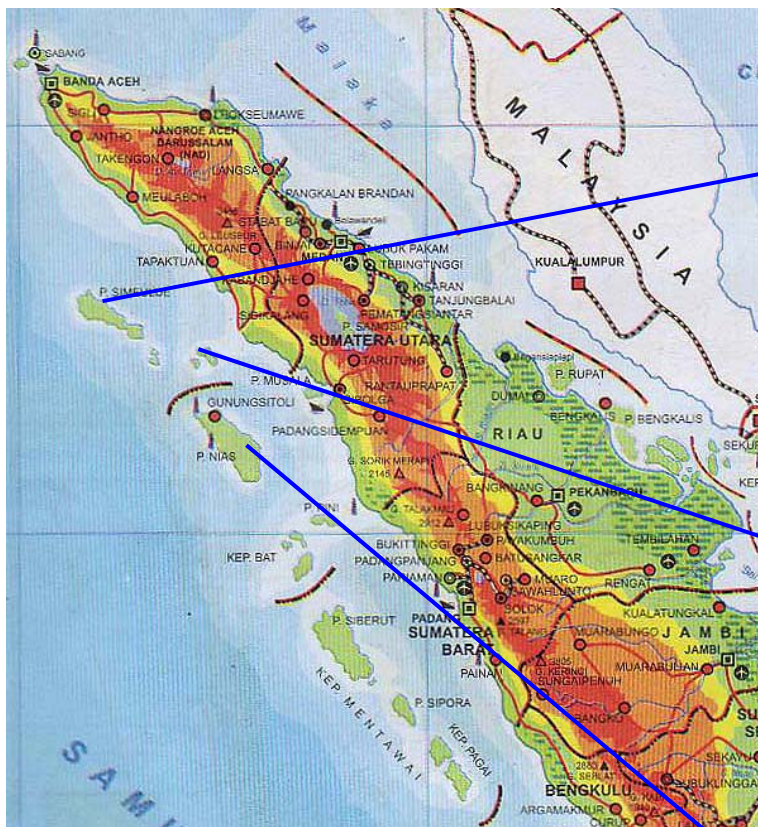
Latest earthquake, aftershock

- On Sunday, 17 April 2005, 13:43:55 (UTC) or local time at 8:43:55 PM an earthquake of the magnitude 5.5 on the Richter Scale (data from USGS) occurred with in the Nias Region.
- On Sunday, 17 April 2005, 21:23:51 (UTC) or local time at 4:23:51 PM an earthquake of the magnitude 5.7 on the Richter Scale (data from USGS) occurred with in the Mentawai Region.

Area affected

Major affected areas are the following:

1. Nias Island, North Sumatra Province, Capital Gunung Sitoli, Gido, Gomo and Teluk Dalam (District Capital of South Nias)
2. Simeulue Island, NAD Province
3. Pulau Banyak, NAD Province
4. Singkil, NAD Province
5. Padang, North Sumatra Province
6. Mount Talang, North Sumatra Province



Population at risk

There are no definite estimates of the affected population hit by the earthquake. It is estimated that over 12,000 are affected in Simeulue and approximately 152,320 affected in Nias

Affected population

North Sumatra Province

Nias

- The latest data regarding estimation number of IDPs in North Sumatra is 60.498 as mentioned: Nias 41.617 and Nias Selatan 6.514, Central Tapanuli 8.727, Madina 2.232, Simalungun 64, Sibolga 1.336, Medan 8. Totally Number of dead is 669 which were found 513 dead in Nias district and 157 dead in Nias selatan.

- There are 52 health posts in Nias which is 14 of them has been operated by NGOs / Foreign countries.
- The returning referral patient from Medan, Sibolga and Gunung Sitoli to their original places has been tackled by IOM and Worldwide. Total number of returnees is 150 peoples as of 17 April 2005.
- The USNS Mercy as per 17 of April 2005 has been taking care 44 patients.
- The number of patient that has been evacuated to referel Hospital are: 808 for out patient and 373 for inpatient spreading in 11 hospital in Medan, 1 hospital in Sibolga, 1 hospital in Central Tapanuli and Gunung Sitoli.

Needs

- Rice, Kerosene, Tent and Generator
- Fuel
- Generator
- Communication Reparation
- Clean Water and Food
- Injection Medicine
- Portable Roentgen Equipment
- Health Staff
- Heavy Equipment

Nanggroe Aceh Darussalam Province

Simeulue

No additional information available on Simeulue.

Singkil District

No additional information available on Singkil district including the Banyak islands

Padang

No additional information available on Padang.

Talang eruption

Additional information available on Padang, for Talang Eruption see latest ESR Volcano.

Details in Figures

Casualties

No	Province/District	Total
1	North Sumatra Province	
	Nias District	513
	Douth Nias District	157
	Central Tapanuli District	1
	Sub total	671
2	NAD Province	
	Simeuleu District	22
	Aceh Singkil District	19
	South Aceh District	3
	East Aceh District	1
	Sub total	45
Total		716

Treated victims

No	Province/District	Total Patient								Remarks
		In patient		Walk patient		Evacuations		Deaths		
		17-04-'05	30-03-'05 - 17-04-'05	17-04-'05	30-03-'05 - 17-04-'05	17-04-'05	30-03-'05 - 17-04-'05	17-04-'05	30-03-'05 - 17-04-'05	
1	North Sumatra Province									
	Nias									1
	Hospital	11	418	190	2690	6	15	1	4	Hospital
	Floating Hospital	6	57	0	0	0	0	1	1	
	Public Health Centers	0	2	0	1428	0	8	0	0	3 HC
	National Health Posts	0	32	621	16984	0	138	0	3	28 post
	International Health Posts	1	19	6619	10454	0	307	0	0	13 post
	South Nias									1
	Hospital	0	4	0	75	0	0	0	0	0 Hospital
	Public Health Centers	3	39	85	2807	0	2	0	0	5 HC
	National Health Posts	0	20	473	7189	0	11	0	22	15 Post
	International Health Posts	0	2	0	733	0	12	0	0	2 Post
	Sibolga Hospital	0	149	84	1173	0	0	0	0	1 Hospital
	Central Tapanuli Hospital	0	65	14	182	0	0	0	0	1 Hospital
Medan Hospital	0	300	19	169	0	0	0	12	2 Hospital	
Total	21	1107	8105	43884	6	493	2	32		
2	NAD (Hospital)									
	Aceh Singkil District	0	0	0	0	0	0	0	0	1
	South Aceh District	0	0	0	0	0	0	0	0	1
	Simeuleu District	0	58	0	1230	0	4	0	9	1
Total	0	58	0	1230	0	4	0	9		
Grand Total		21	1165	8105	45114	6	497	2	41	

Health Facility Damaged or Destroyed

No	Province	District	Facility	Condition			Remark
				Lightly Damaged	Heavily Damaged	Totally Destroyed	
1	North Sumatera	Nias	Public Health Center	5	6	0	from total of 18
			Satelite Health Center	36	16	3	from total of 92
			Official Houses				in assesment
			Provincial Health Office				mostly damaged
			Hospital				partially damaged
		South Nias	Public Health Center	6	2	0	from total of 10
			Satelite Health Center	12	20	0	from total of 45
			Official Houses	10	4	0	
			Provincial Health Office	1	0	0	
2	NAD	Aceh Singkil	Public Health Center	0	2	0	
			Satelite Health Center	12	0	0	
			Official Houses	7	3	0	
			Provincial Health Office	1	0	0	
			GFK	1	0	0	
		South Aceh	Public Health Center	0	1	0	
			Satelite Health Center	0	5	0	
			Official Houses	0	0	0	
		Nagan Raya	Public Health Center	0	0	0	
			Satelite Health Center	1	5	0	
			Official Houses	0	0	0	

WHO / MOH response to the disaster

- Several organization has been sent to Nias Selatan district in regards to support the health care activity as mentioned below : 15 health staff (3 GP, 12 nurse) from PMI, BSB Sardjito Hospital (1 Surgeon, 4 GPs, 3 Nurses, medicine and 2 generators for Gomo Health Center), From PBNU and FKUM UI Jakarta (4 GPs, 1 Nurse and Medical Supply for Gn. Sitoli, Lahewa and Afulu), and from Bahtera Misi batam (3 GP and Medical Supply for health care activity in Idano Gawo, Gn. Sitoli).
- **Immunization**
Measles campaign has been conducted on 15 of April 2005 in both districts Nias and Nias Selatan and to be continued on 18 of April 2005.
- WHO Medan is currently supporting PHO in developing emergency strategic planning, mental health program plan and emergency preparedness plan.
- WHO has sent on the 13 of April a generator to Telo Island in supporting Telo Health Center.

Contact persons in Indonesia

The following persons can be contacted if more information is needed.

No	Name	Designation	Organization	Contact phone	Fax	E-mail Satellite Phone
1	Dr. Mulya A. Hasjmi Sp. B.	Head of Department	Center for Emergency preparedness and response (PPMK) MOH	081533764161	021-5271111	Crisis@Depkes.go.id
2	Dr. Kyaw Win	Medical	EHA, WHO	021-5204349	021-5201164	wink@who.or.id

	(Vijay Nath)	Officer		0811933821		086811020053
3	Dr Anshu Banerjee	Field Operations Manager (Banda Aceh)	WHO	08121064878	+47-241- 37387	banerjee@aceh.who.int
4	Sanjay Kumar	Information Manager (Banda Aceh)	WHO	081585310692	+47-241- 37387	kumars@aceh.who.int

Source of Information from Indonesia

Information is gathered from the following sources and it might not reflect the actual true facts at the field level but can be used as references.

1. WHO teams in Nias Island, Medan, Banda Aceh and Jakarta.
2. Bakornas bulletin
3. PPMK, MOH
4. Partners in relief efforts
5. International and local news media