

Emergency Situation Report
Number 8
Earthquake in North Sumatra Province and NAD Province, Indonesia
6 April 2005

This report is prepared by Emergency Humanitarian Action (EHA) Section, WHO, Indonesia.

Reference: Earthquake – North Sumatra Province and NAD Province, Indonesia – 29 March 2005 –

Reporting date

6 April 2005 (Tuesday) 16:00 hours UCT

Type of Emergency

Earthquake.

Date and time of emergency incidence

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

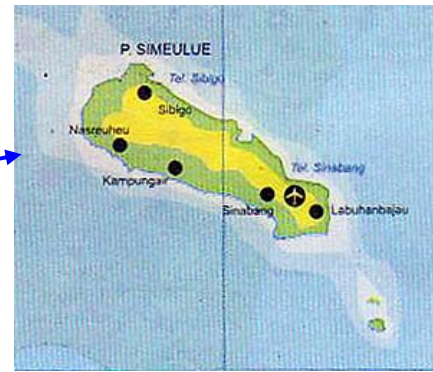
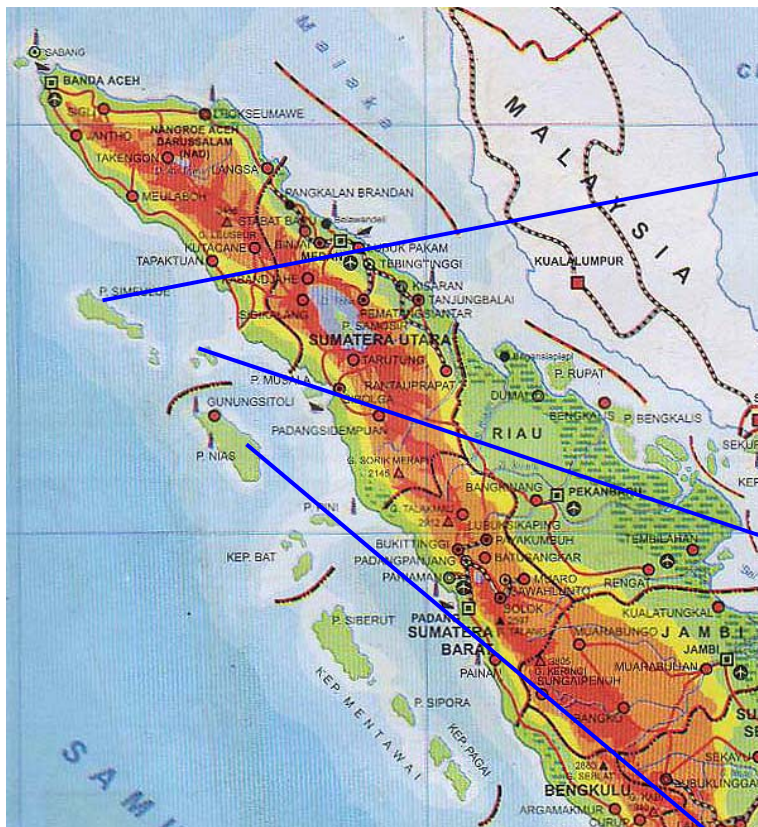
History of the earth quake and place

- 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
- Evidence emerges that earthquake generated significant tsunami. A US Geological Survey tsunami expert arriving on the scene yesterday said "a tsunami estimated at almost half the size of the one that struck on December 26 hit some areas along the north-west coast of Sumatra. We're getting reports of about four meters in certain areas."
- 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 of Thursday.
- Multiple aftershocks measuring 6.0 or higher in the early hours after initial quake. Latest aftershock reported yesterday at 6.1 and 6.3 in magnitude off of Indonesia's coast, recorded in Hong Kong at 01.05 GMT and 03.16 GMT and was centered about 280 kilometers west-northwest of Padang and south-south southwest of Medan.

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



Population at risk

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

Affected population

North Sumatra Province

Nias

- Current figures of bodies recovered are 481 for the northern district in Nias and 141 from the southern district
- There is coordination among the District Health Office and all the different field hospitals set up (Australian HM Kanimbla, USNS Mercy, the Russian field hospital). Two triage centers have been set up, one at the football field where helicopters can land and the other at the airport. The Singaporean military medical staff have been replaced by Singaporean civilian medical staff

- The 20 suspect measles cases have been investigated and are not measles cases. AusAid and SurfAid have started immunizing children from 6 months till 15 years in some villages. This will happen in collaboration with PHO, WHO and UNICEF. Reports are awaited
- IMC has signed a MOU with the Provincial Health Office to assist in the rehabilitation of the main hospital in Gunung Sitoli
- Disease surveillance has started with assistance from WHO and 7 out of 17 sites have started reporting to the PHO
- On 6 April 2005 the first health coordination meeting will take place at Teluk Dalam
- MDM reported that assessments so far have covered only 20% of villages. It is estimated that in a number of villages there could be up to 30-40 injured who would need urgent medical attention
- Official figures on missing person for the Nias island is 2017 people.
- Government officials report that to this day 75% of Gunung Sitoli Hospital medical staff are active. As for provincial health office staff only 15% are active.
- Government officials report also of increase cases of diarrhea and measles in the Gunung Sitoli Hospital.
- The communicable diseases early warning system has been set up on Nias with support from WHO

Nanggroe Aceh Darussalam Province

Simeulue

- Official government report on numbers of identified deaths still at 22
- The PHO has reported that provincial medical support to be deemed as adequate with no additional medical personnel required.
- Government cumulative data on cases in the Sinabang Hospital/Lapangan Hospital in Simeulue at a total of 553 injury cases. Which 169 are trauma cases and 384 non-trauma cases.
- Diarrhea disease cases in Sinabang are still being reported. The situation is being monitored.

Singkil

- Government official report of deaths tolls still at 15 people and a total of 1425 injury cases treated in the Aceh Singkil Hospital and 117 injury cases treated at the Dr. Yulidin Away, Tapak Tuan District Hospital.
- Government reports that communication with Singkil is developing as hospitals and health centers are able to comply health data situations.
- Bakornas reports of 5,000 IDPs in the Singkil area in 11 displacements shelters and tents.
- Food, water and generators to supply electricity are still deemed as most needed items.

Pulau Banyak

- Until now there have been no reports of deaths and medical situation in the Banyak Islands regarded stable.
- Reports of flooding in low-lying houses still major cause of people displacement.

The Impact on Health Service and Health related facilities.

- The hospital in Gunung Sitoli is operational as of 5th April 2005, with TNI aiding in hospital rehabilitation.
- Official Reports on District Health Centers in Nias still show that most health centers are still damaged and unoccupied by any medical staff.

Central Government Support

- Central government has established an official Nias support office with Medan PHO in Medan.
- Central government still welcoming support, both medical and logistical, provided by foreign military forces.
- The Indonesian government has announced that the emergency phase for this quake would last approximately one month.

WHO / MOH response to the disaster

- WHO's ground staff in Nias consists of 2 teams, one for Northern Nias and one for Southern Nias, including a medical co-coordinator, WATSAN expert, logisticians, health facilities assessor, disease surveillance officer and a communicable disease officer.
- WHO has supported the Provincial Health Office with WHO epidemiologist present at Nias on the establishment of the communicable diseases early warning system.
- WHO logistic report of 5 complete sets of surgical kits in Nias as of yesterday. Also has allocated 2 cars from Sibolga enroute to Nias.
- WHO has facilitated a daily health coordination meeting for medical emergency response and emergency medical supplies for the Nias relief operations in Medan.

Provincial and district response to the disaster

- Provincial Health Office assist in the rehabilitation of the main hospital in Gunung Sitoli with IMC MOU.
- The PHO has reported that provincial medical support continues to be deemed as adequate.

Foreign support and response to the disaster

- 2 trucks of diagnostic health tools and medicine in Nias from the Khidmat e Khalq Foundation of Pakistan.
- Hungarian rescue team has arrived working in cooperation with rescuers from Australia, the republic of Korea and Japan rescue teams.
- Saudi Arabia has delivered food as well as 3 4WD ambulances and 6 motorbikes handed through the Indonesian Red Cross, with 17 more ambulances reported on the way.
- AusAid and SurfAid have started immunizing children from 6 months till 15 years in some villages, in collaboration with PHO, WHO and UNICEF.
- US Naval ship USNS Mercy and USNS Niagara Falls anchors on Tuesday evening but not fully operational until several days, awaiting arrival of extra crew through Sibolga. Evacuations will also be done by Sea Hawk helicopters from the USNS Niagara support ship if needed. No patients will be med evacuated to Medan or Sibolga from then on.
- Russian Mobile Hospital consisting a team of 48 rescuers, doctors and nurses, search dogs and transportable medical equipment. Also 1 Federal Government helicopter and airplane IL-76 plane to assist in sending aid through Medan.
- Australia still carrying out rescue and aid mission despite tragic Sea King Helicopter crash supported with: RAAF planes, HMAS Kanimbla.
- Malaysian rescue team has ended mission period as of 4th April 2005.
- UN bodies that continue to participate in aid among others: UN-OCHA, UNICEF, UNHCR, WFP, WHO, IOM as for international NGOs are OXFAM, CARE, SurfAID, JICA, International Rescue Team, ICRC, also NGO's from countries such as Singapore, Australia, Poland, Hungary, France etc.

Immediate needs

- Portable x-ray tools, diagnostic tools and medicine.
- Immediate needs for food, water and shelter continue to be the same.
- Although developments are increasing fuel supply still remains a problem especially in distribution.

- Emergency medical care, trauma care, especially general surgeons and orthopedics for orthopedic injuries, severe crushed injuries, head and spinal trauma, are still needed in Simeleu.
- Electricity infrastructure recovery including electricity and telecommunications

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 (Vijay Nath)	Medical Officer (Medan)	EHA, WHO	021-5204349 0811933821	021-5201164	wink@who.or.id 086811020053
3	Dr Anshu Banerjee	Field Operations Manager (Banda Aceh)	WHO	08121064878	+47-241- 37387	banerjeea@aceh.who.int

Source of Information from Indonesia

Information is gathered from the following sources and is not subjected for quotation as 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