Post 2004 Tsunami Recovery Plan of Thailand

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Disaster in THAILAND

Prioritization of Disaster Risk in Thailand

1. Flood
2. Accident
3. Explosive

Source: Ministry of Interior

Thailand is considered as non-disaster prone country

- occasionally frequented large scale natural disaster particularly water related disaster such as revering flood, urban inundation tropical storm and drought
- Flash flood and Sedimentary slide
- Small to medium earth quake and Tsunami (as new event)
2004 Sumatra TSUNAMI
The Most catastrophic disaster in Thailand History

http://www.noaa.gov/features/tsunami/images/tsunamiamplitude.jpg
Krabi & Phuket Province
THAILAND

http://www.photoontour.com/
KHAOLAK PANG-NGA

Before & After

2km from shore line

At Present

http://www.pbase.com

At the beach of KhaoLak on 27 Dec 2004
- Established National Disaster Warning Center (NDWC)
- Trust Fund
- Tourism Assistant Center
- Corpses Identify Center
- Loan with low interest
- Re habitats
- Disease Control
- Environment Recovery
- Educate Communities in Risk Areas
DART Buoy in the INDIAN OCEAN

THAI DART
THAILAND National Disaster Center

Tsunami warning was set up
In the Andaman Sea

Siren towers are establishing
Thought out the country
Hazard Map

Khao Lak, Pang-Nga Province

Hazard Zone

Phuket
Full Scale Evacuation Drill in THAILAND

Earthquake was detected and Tsunami event are expected by Seismological Bureau TMD

Evacuation

Rescue Teams participated the Drill
Seismic Network Of TMD After 2004 was Expanding

Before 2004
Analog 11 Digital Stations
14 Analog Stations

Seismic Network Of TMD After 2004 was Expanding

Phase 1
15 Digital Stations
7BB
8SPS and 15 Acc

Phase 2
25 Digital Stations
8BB
17SPS
20 ACC
2 Bore Holes
4GPS
9 Tide Gauges
Seismology Bureau, TMD
Operation Room
Counter measures

- Training
- Green Belt
- Breaking Water
- Artificial Coral Reef
- Tsunami Evacuation Shelters
- Education Student and people in risk communities
- Local Volunteer Rescue team
Warning Channels of Natural Disaster in Thailand

Warning information will be send to public and Related government and private agencies via:

- Telephone
- Facsimile
- SMS
- E-mail
- Radio
- Television (Free Channels)
- Cable TV (Pay TV)
- Siren Tower
Conclusion

The devastating impact of this natural disaster was catastrophic in term of life and livelihood lost and properties damages.

Within minutes thousands of lives were lost, people were displaced, livelihood, home, physical infrastructures, Environments were destroyed setting back had earned development gains for decades.

International cooperation of the Indian Ocean and Pacific Rim Should gain more development.
Thank you for your attention