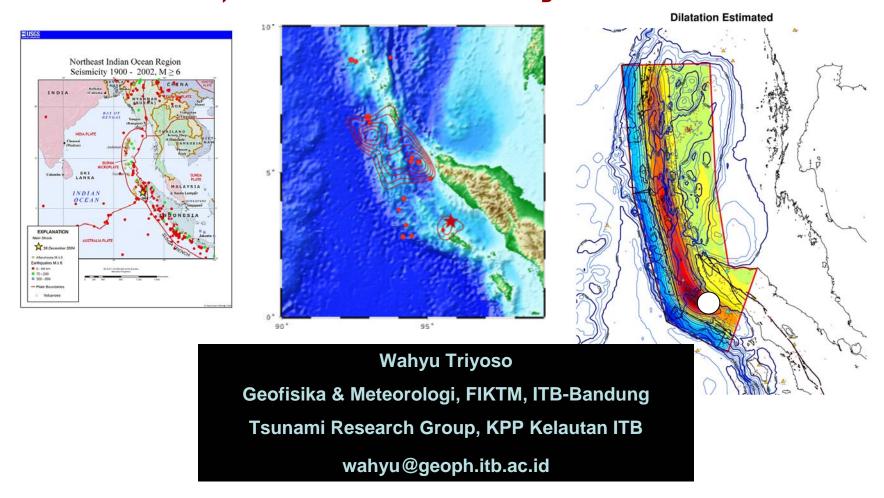
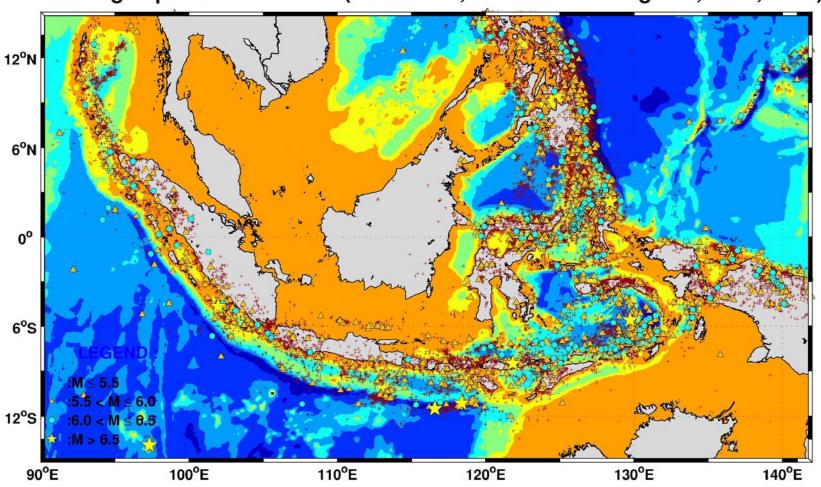
Understanding Giant Thrust of West Coast of N. Sumatra Earthquake

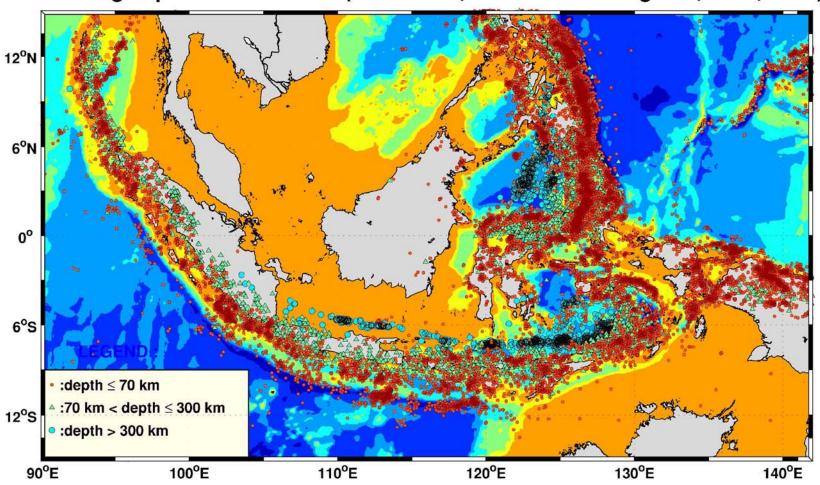
Before, Present & The Possibility of Future Effect



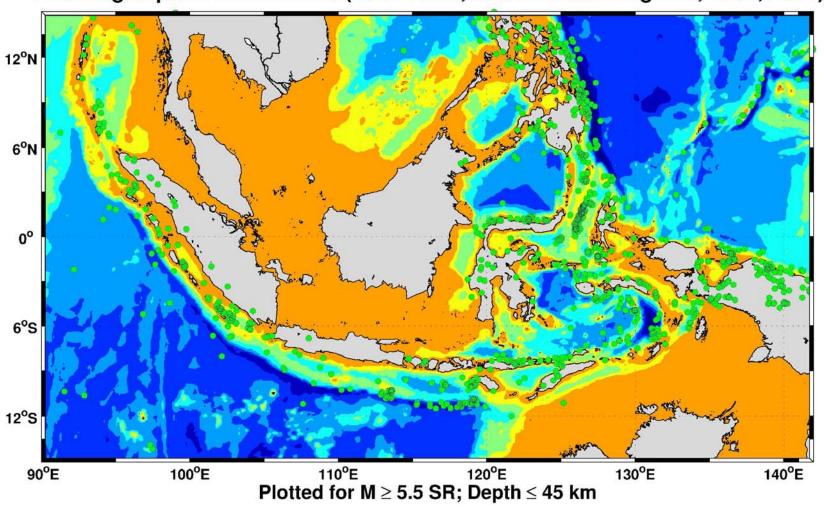
Peta Kegempaan di Indonesia (1964–2003, Source Data: Engdahl, 1998, 2004)



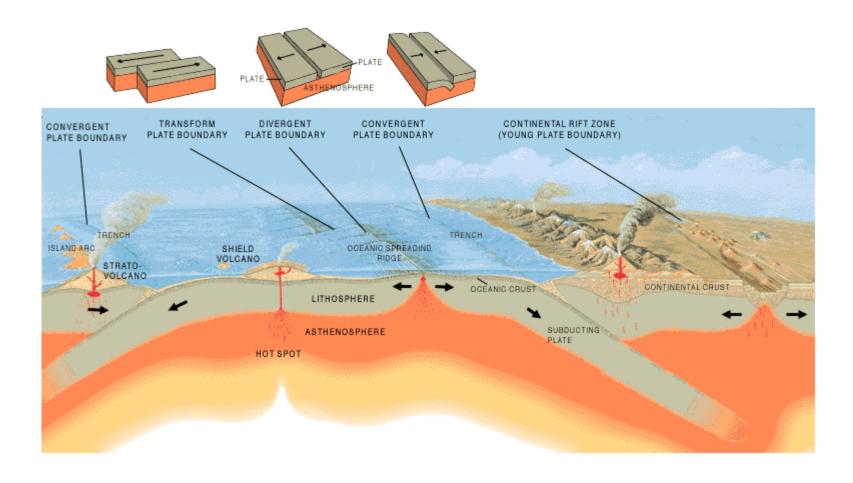
Peta Kegempaan di Indonesia (1964–2003, Source Data: Engdahl, 1998, 2004)



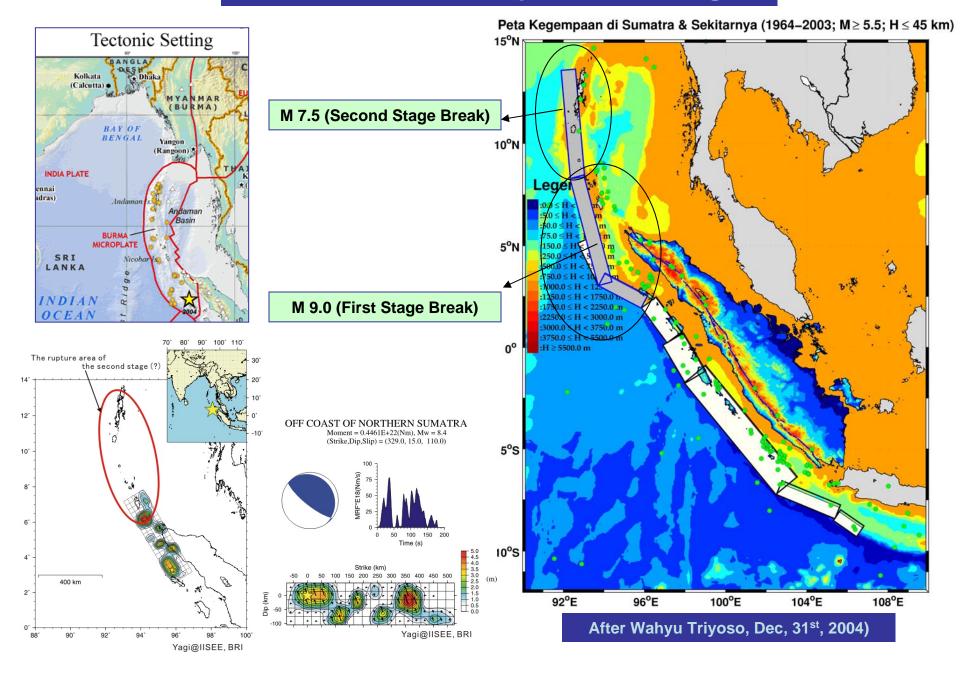
Peta Kegempaan di Indonesia (1964-2003, Source Data: Engdahl, 1998, 2004)



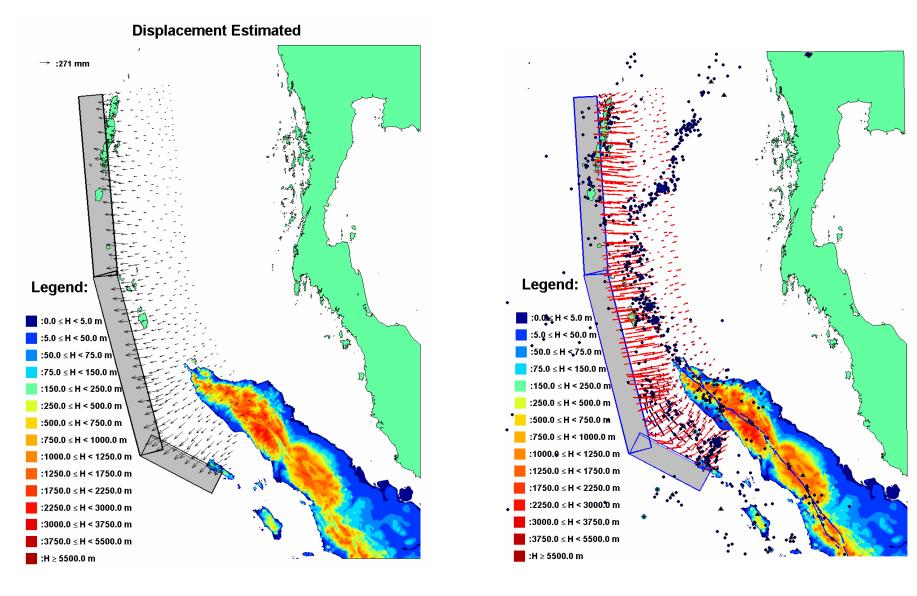
Global Tectonic Model



Giant Thrust Earthquake & Faulting



Mechanic Aspect of Giant Thrust Earthquake & Faulting

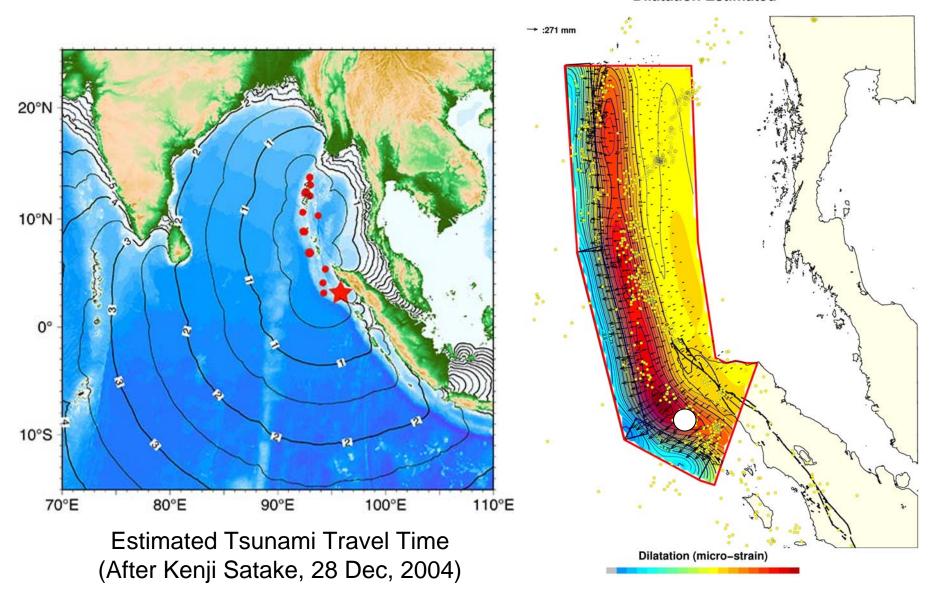


Compression (black) & Extension (red)

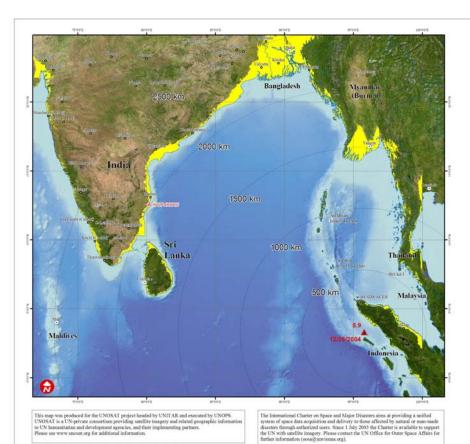
After Wahyu Triyoso, Dec, 31st, 2004)

Understanding Tsunami Generation Zone

Dilatation Estimated



Understanding Tsunami Generation Zone & Tsunami Affected Areas



Regional Map of Tsunami-Affected Areas

28 December 2004

This map illustrates coastal areas under 20 meters in elevation, as shown in bright yellow. This low-lying coastal zone is not a direct indication of areas affected by the 26 December 04 Tsunami--only those areas which may have suffered damage. For example, although Bangladesh is almost entirely under 20m in elevation, extensive swamps and limited settlements along the coast resulted in few casualties.

Capital Large Town Epicenter Nuclear Power Plant International Border Elevation under 20m

Disaster Type: Tsunami Disaster Date: 26 December 2004 Data Source: GLCF, NASA, USGS Sensors: Modis-Terra mosaic Elevation Data: SRTM30/ETOPO2 Resolution: 1km Scale: 1:12,000,000 for A3 Prints Datum: WGS-84 Projection: Geographic coordinates Map Produced: 28 December 2004

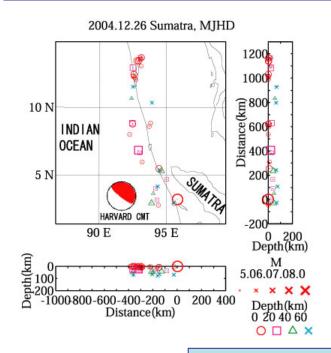
The depiction and use of boundaries, geographic

names and related data shown here are not warranted to be error-free nor do they necess imply official endorsement or acceptance by the United Nations.





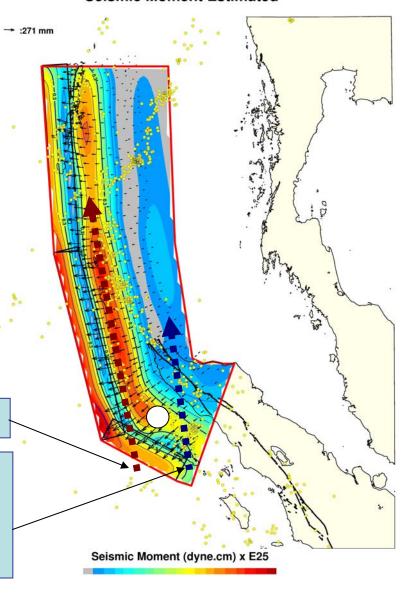
What do we need to Learn & Consider To the Post Giant Thrust of Northern Sumatra Earthquake !!!



Direction of After Shocks

Some Stress is Transferred to the North. It seems that we need to be careful for Stress triggering Earthquake Phenomenon for the Near Future

Seismic Moment Estimated



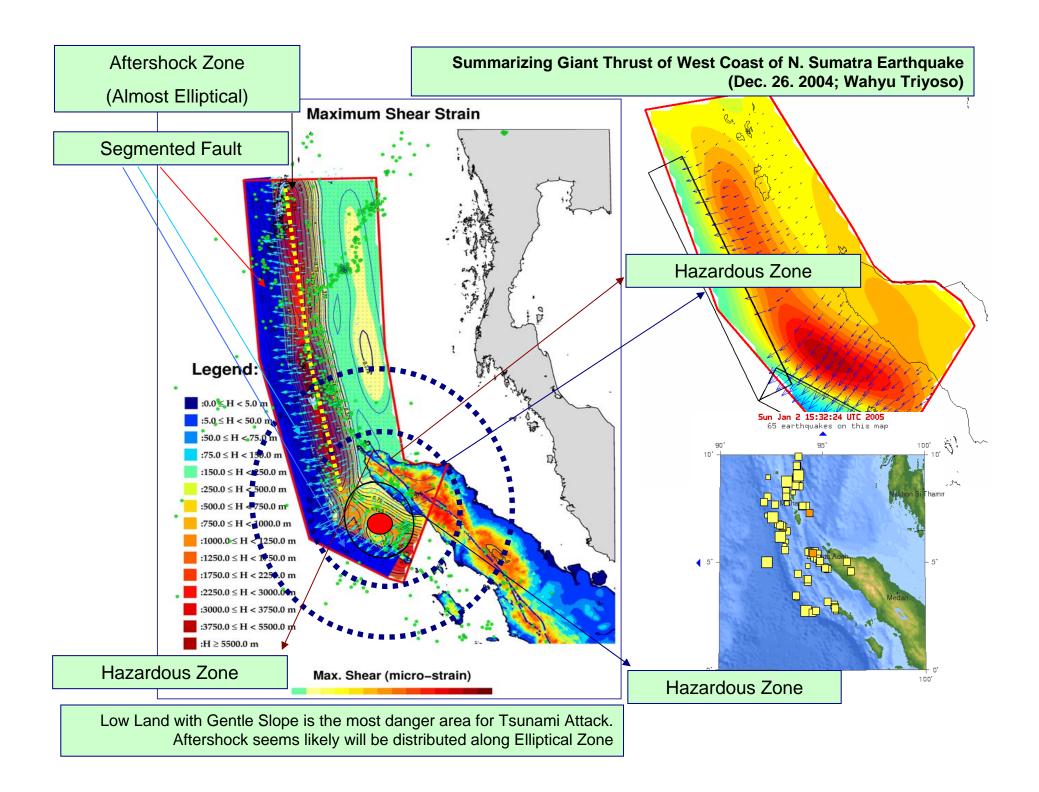
Before and After Giant Thrust Earthquake









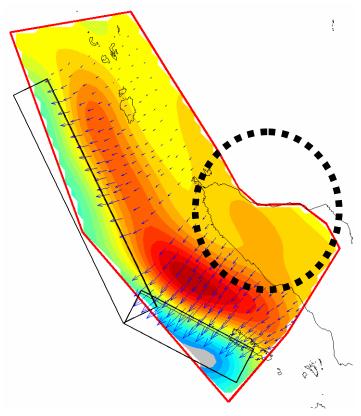


Some Opinions

Peta Identifikasi Kemungkinan Gempabumi Besar dan Dangkal di seluruh Indonesia perlu dibuat dengan segara

Peta Gempabumi besar disepanjang zona subduksi yang sangat berpotensi Menimbulkan Tsunami perlu disusun dengan segera

Perlu Sosialisasi Informasi dalam bentuk pendidikan masyarakat di sepanjang Pantai Selatan di Seluruh Indonesia



Hazard Algorithm of Overall Sumatra Island

