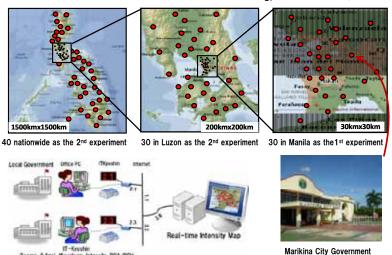


Rapid Earthquake Intensity Notification System

100 Locations at Local Government Building/PHIVOLCS obs.



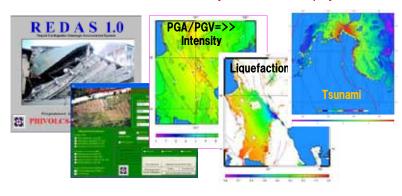
Test run in PHIVOLCS



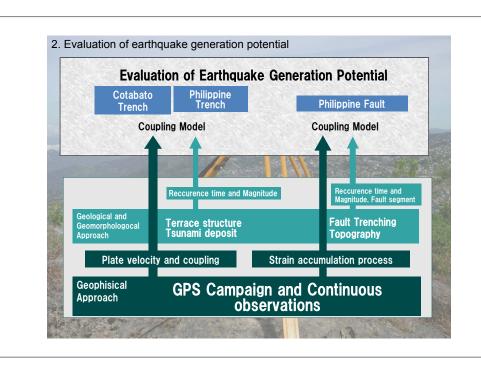
Rapid Damage Estimate: Utilization and enhancement of REDAS

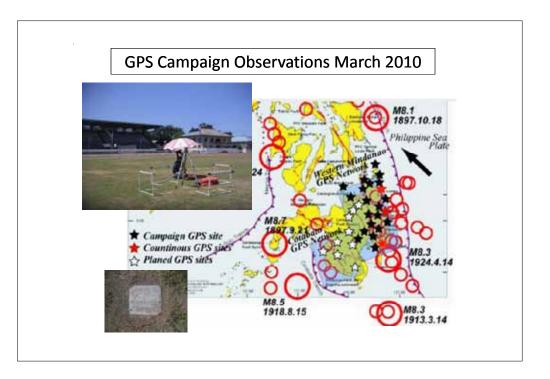
REDAS (Rapid Earthquake Damage Assessment System)
Developed by PHIVOLCS (2002-)

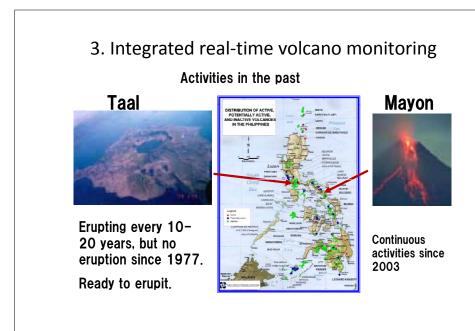
- •Hazard estimation(Gound motion, Liquefaction, Landslide, Tsunami)
- ·Promotion of utilization is ongoing by PHIVOLCS
- •Enhance REDAS to Real-time REDAS by PHIVOLCS in this project

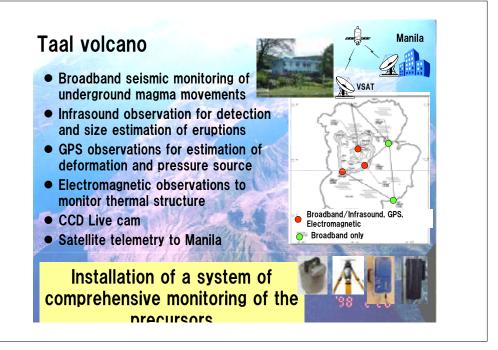


Mindanao Frequent occurrence of large earthquakes ⇒Need to evaluate the potential Currrently Inland Earthquake Philippin Fault in Mindanao •Fault-generated topography •Quescense Philippine Trench, Cotabato Trench •Large events in the past •No large events in recent years

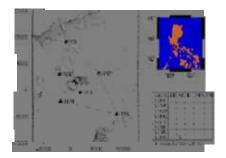








Installation of Seismic & Infrasound sensors in Taal





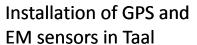
Broadband Seismomete



Infrasound sensor



Solar Panel









ALCOHOL: YES



Fluxgate magnetometer

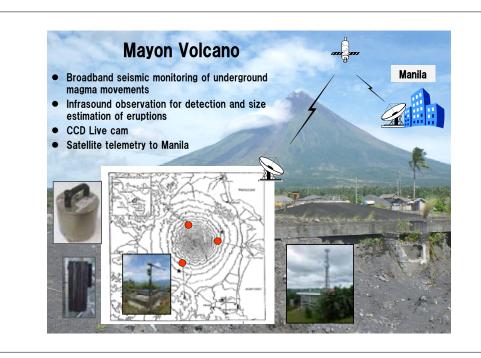


Data logger

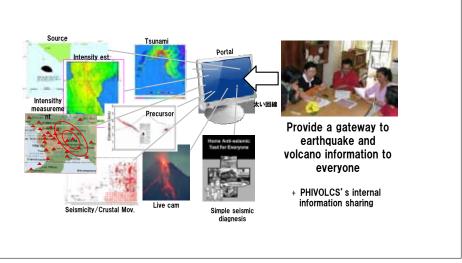
Overhauser magnetometer



船で移動・運搬



4.1 Development of disaster mitigation information portal site



Survey of non-engineered houses for Developing Seismic Diagnosis for Everyone







Panpanga

Mindanao







Makati

Mindanao

Promotion of utilization of the portal site

Holding Seminars for NDCC members Local government Communities

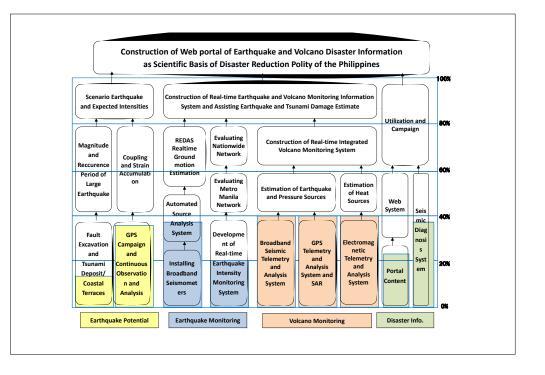






February, 2011, in Tsukuba Japan Full-scale shaking table experiment of Philippine CHB masonry houses





After March 11, 2011 Great East Japan Earthquake

Strengthening of Tsunami Component

Seismic and Sea Level
Monitoring
(1) Sea Level
Monitoring

Forecasting and Dissemination (2) JMA's advisor

People's Awareness, Evacuation Plan and Drill
(3) Video Interviews of Phillippino Victims

Sea Walls, Evacuation Buildings

Video Interviews with Filipino victims of the Great East Japan Earthquake



Strengthening PIVOLCS's Tsunami Forcasting and Decision Making System with JMA's Advisory





JMA

PHIVOLCS

Sea Level Monitoring for the Last Minutes Tsunami Warning for Cities in Bay Areas



