

SENTINEL ASIA DAN UPDATES

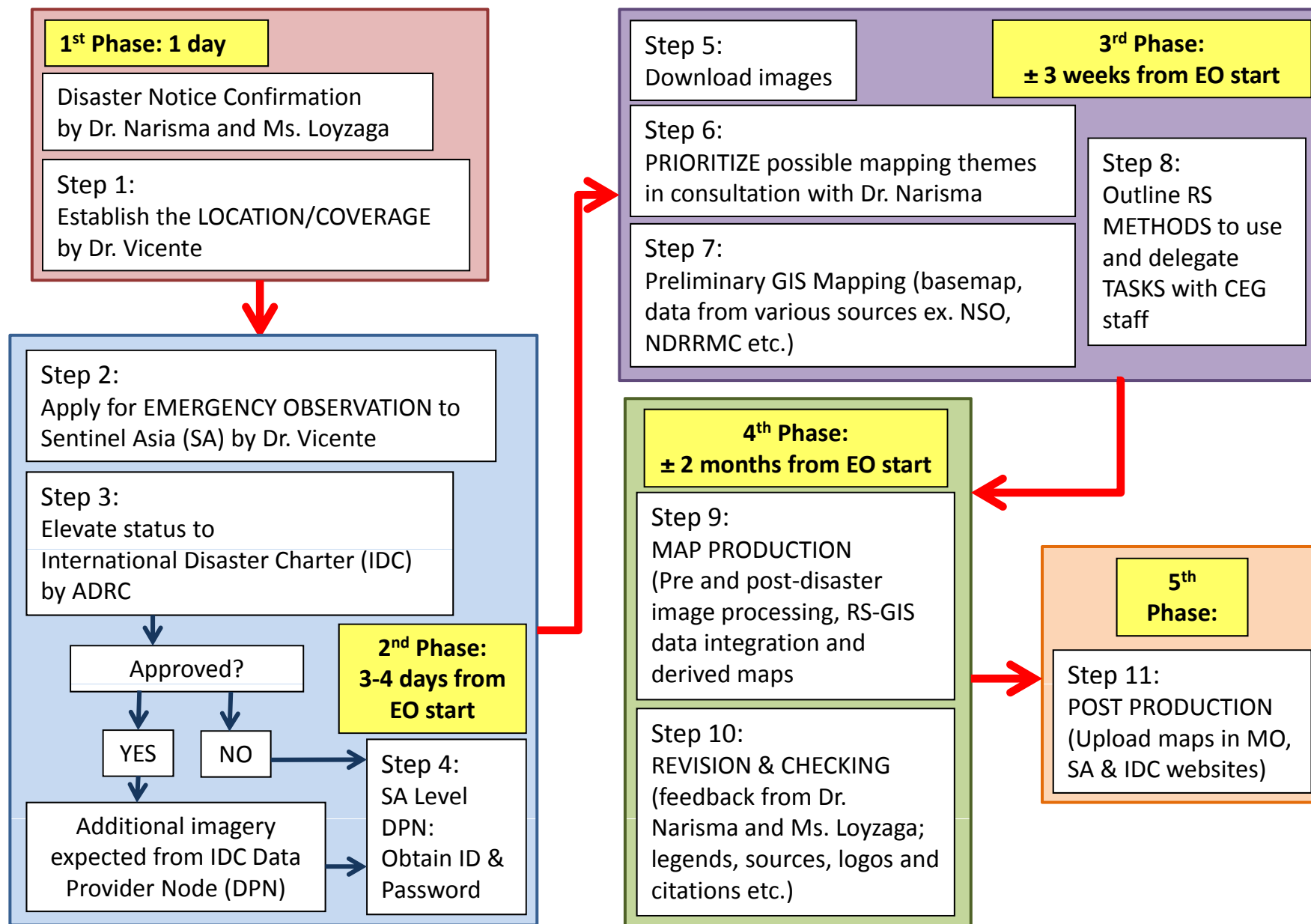
Manila Observatory
Sentinel Asia
26-29 November 2013
Bangkok, Thailand



Outline

- Proposed Emergency Observation (EO) and Mapping Protocol, 15 January 2013
- TC Bopha/ Pablo, 4 December 2012
- SWM Enhanced TC Trami/ Maring, 19 August 2013
- TC Haiyan/ Yolanda, 8 November 2013
- The Manila Observatory's Future Plans

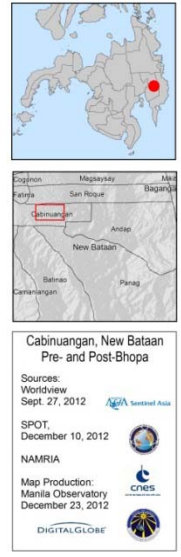
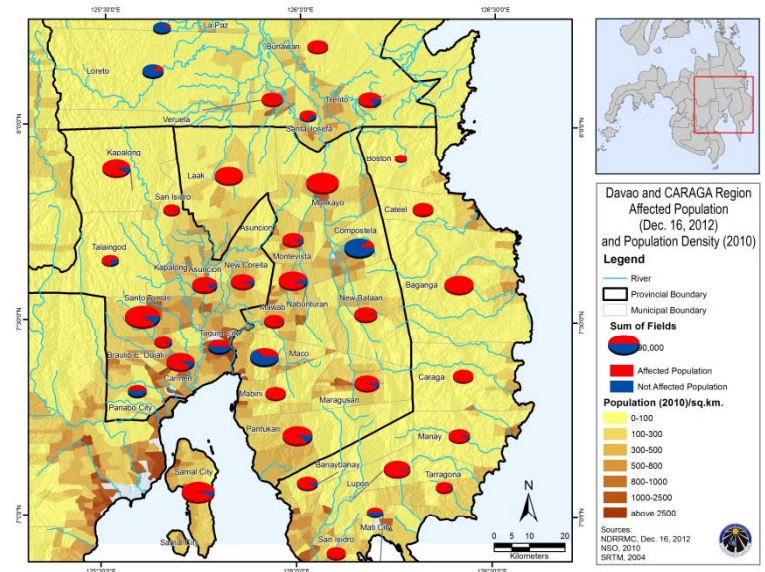
Proposed Emergency Observation (EO) and Mapping Protocol, 15 January 2013



TC Bopha/ Pablo, 4 December 2012

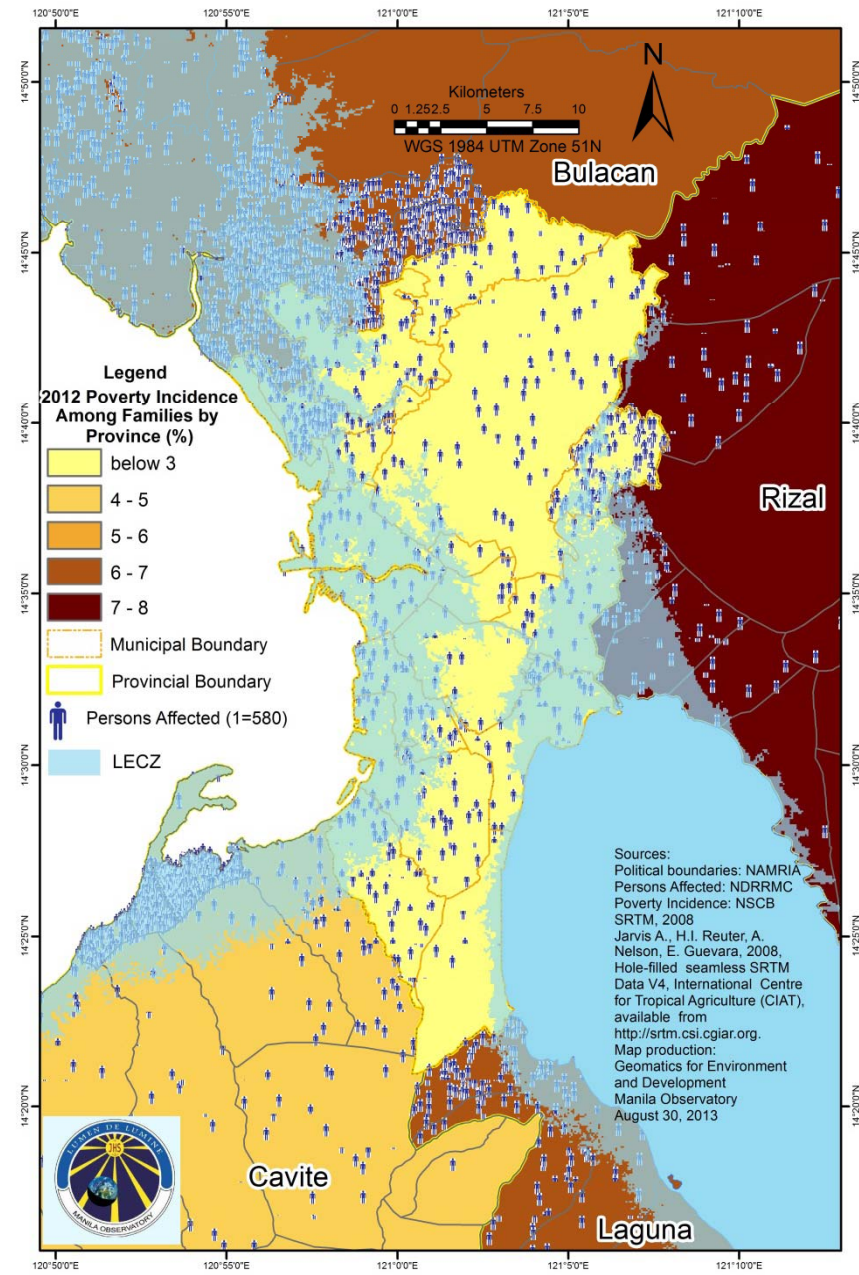
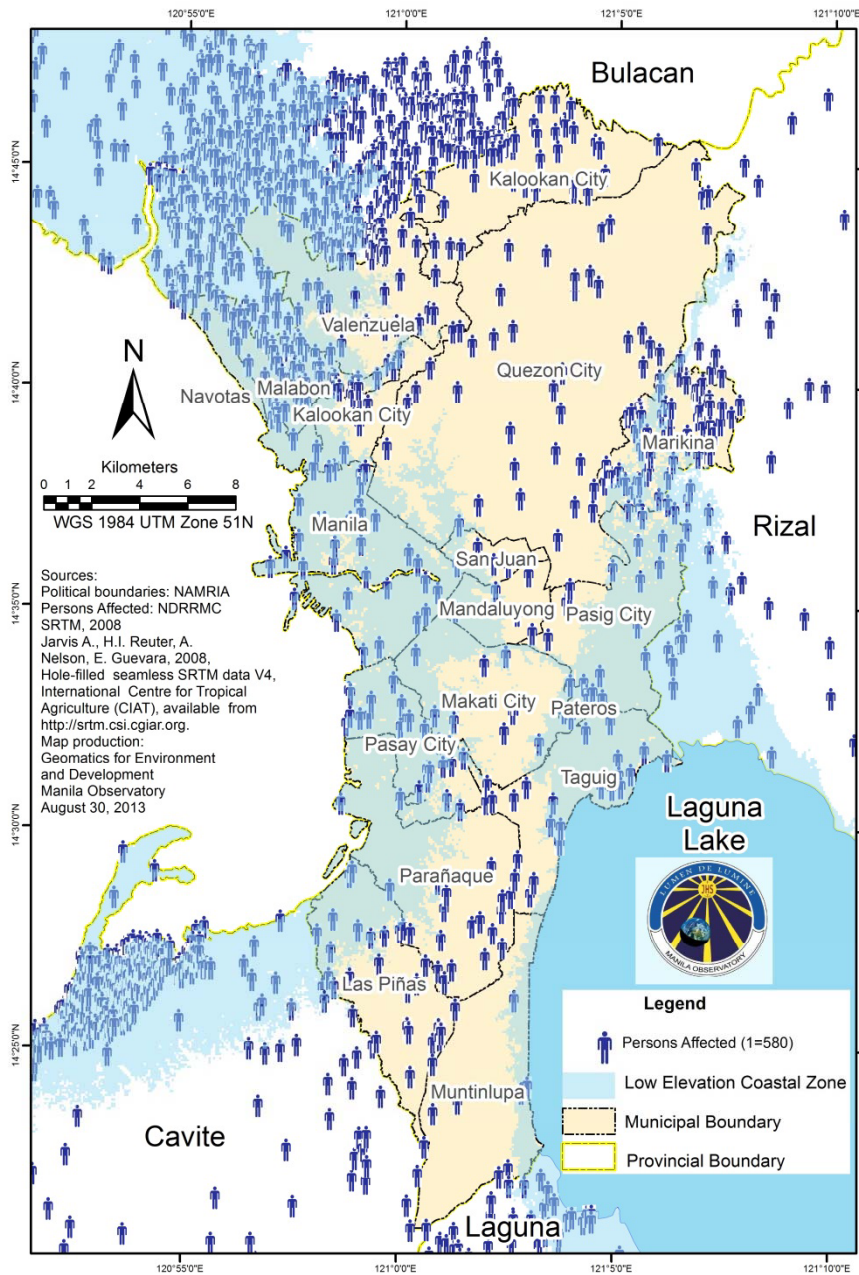


Barangay Cabinuangan, New Bataan, Compostela Valley province after Typhoon Bopha (10 Dec 2012)
 The terrain views shown below are rendered using SRTM data from NASA and SPOT 5 XS 2.5 m.

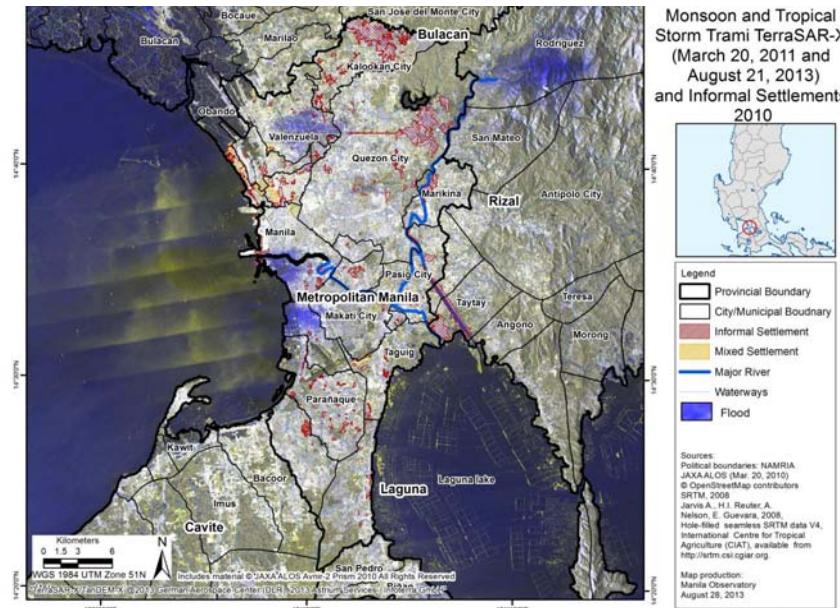
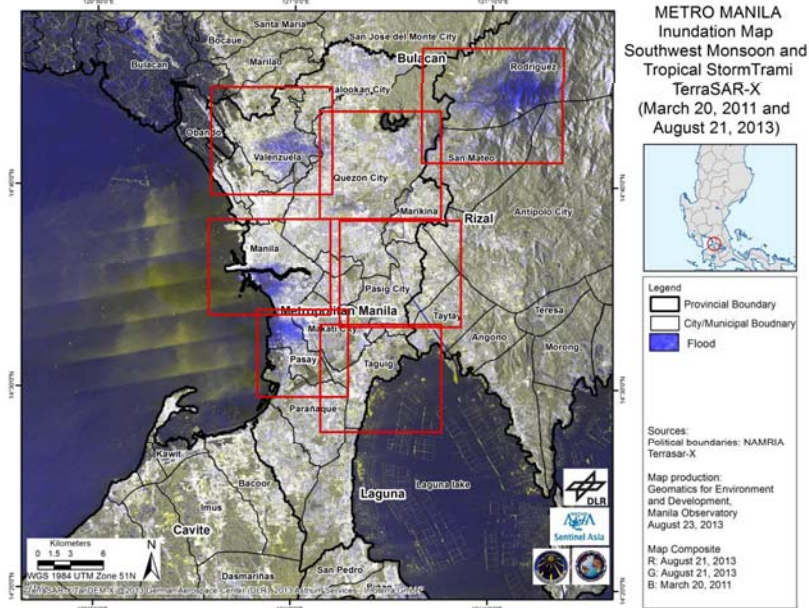
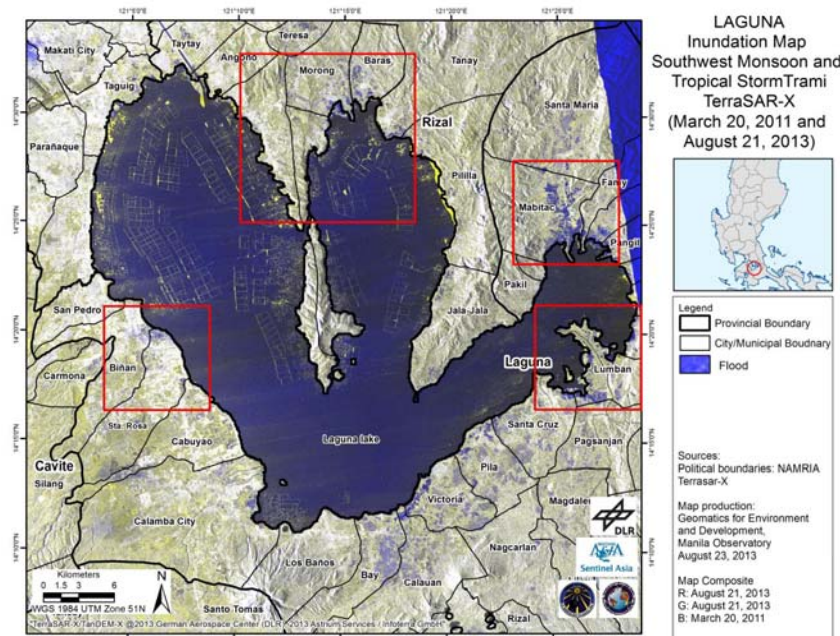
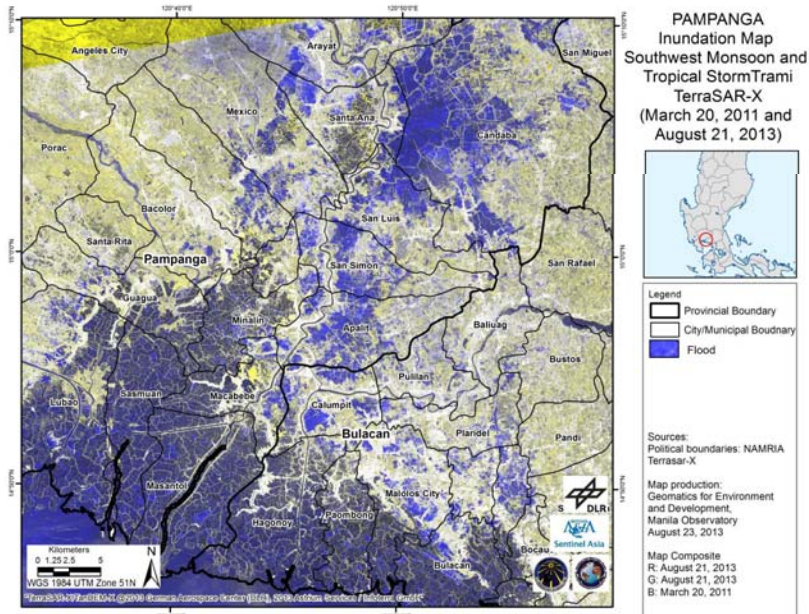


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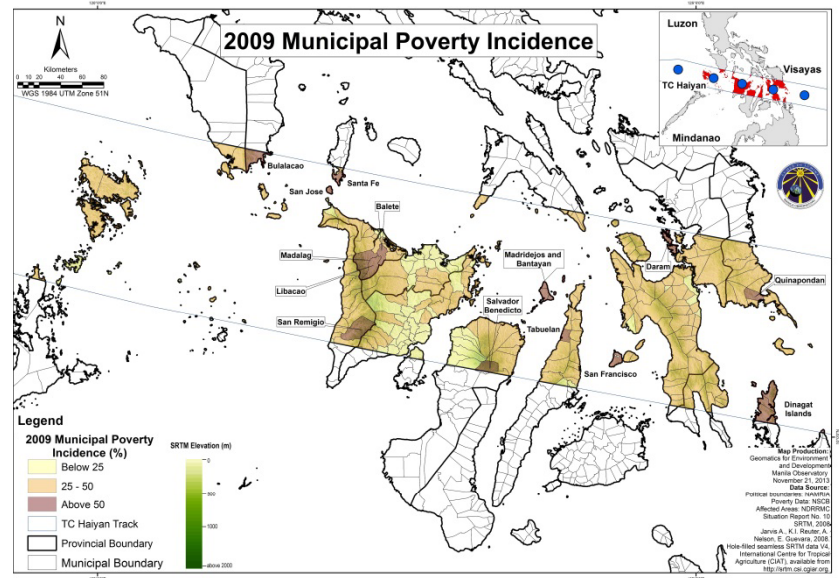
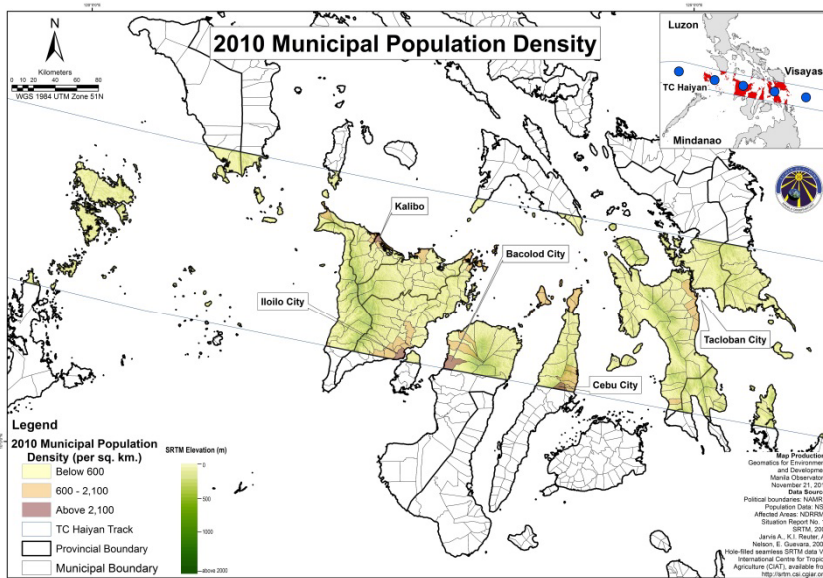
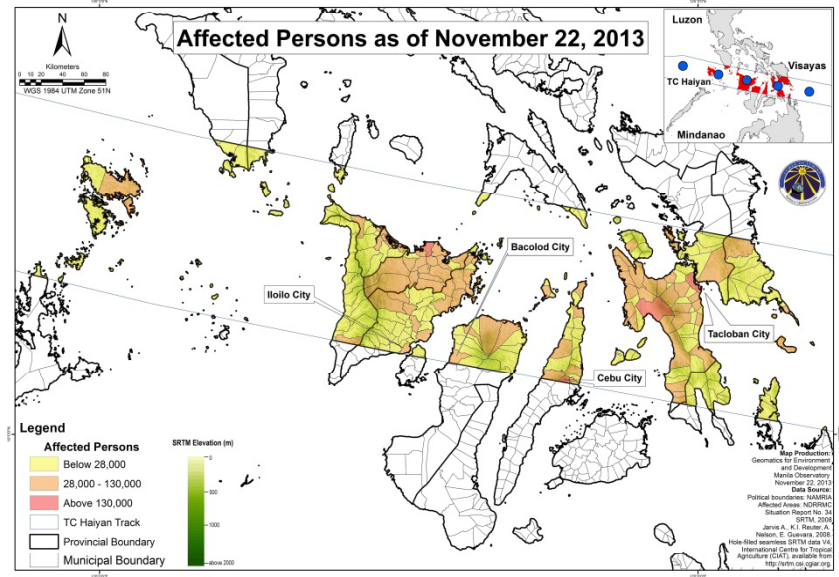
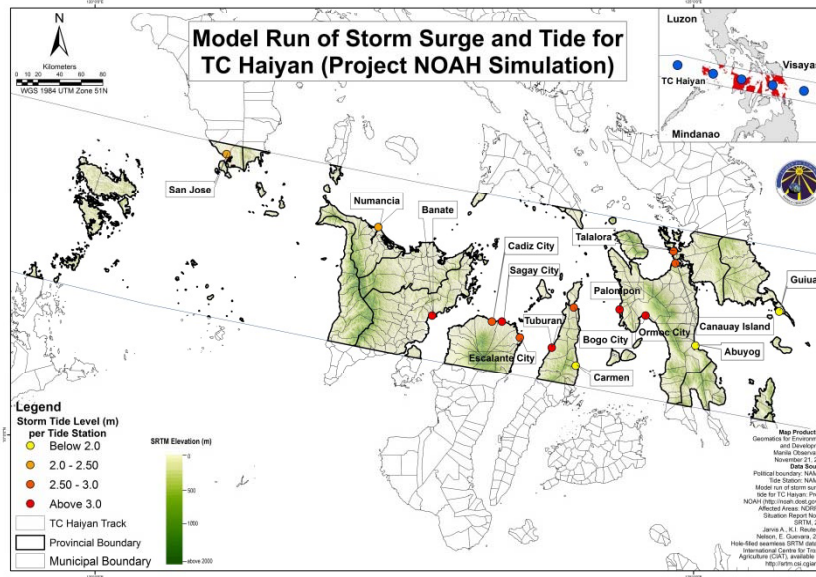
SWM Enhanced TC Trami/ Maring, 19 August 2013



SWM Enhanced TC Trami/ Maring, 19 August 2013



TC Haiyan/ Yolanda, 8 November 2013



The Manila Observatory's Future Plans

- Integrating Risk Policy Research: This includes translation of research results into forms that are more readily understood by various stakeholders.
- Mainstreaming CCA-DRM in Planning and Governance: This is undertaken vertically and horizontally at various levels of governance, especially through the integration of planning instruments like Comprehensive and Sustainable Land Use Plans (CSLUPs), Strategic Agriculture and Fisheries Development Zones (SAFDZs), National and Physical Framework Development Plans.
- Upgrading and Consolidating Teaching and Research Laboratories among Academic Partners: This is being undertaken in the light of interdepartmental and cross-program research. The former concerns the Physics (MS in Atmospheric Science), Environmental Science, Information Systems and Computer Science Departments of the Ateneo de Manila University. The MS in AS trains and forms staff from the PAGASA.
- Improving the Network of Rainfall Monitoring Stations:
 - 37 weather station data in and around Metro Manila:
 - 4 with MO network
 - 7 with Makati City network (owned by Makati City)
 - 26 with the Metro Weather network
 - 4 weather stations outside Metro Manila; 1 each in Cagayan de Oro, Davao, Zamboanga Cities and South Cotabato
- Strengthening Networking and Linkages
- Improving Access to Satellite Imageries and Regional Climate Models/ Scenarios
- Improving the Network of Ground-Based Sensors (i.e. TRGs, Rain Gauges, LIDAR)