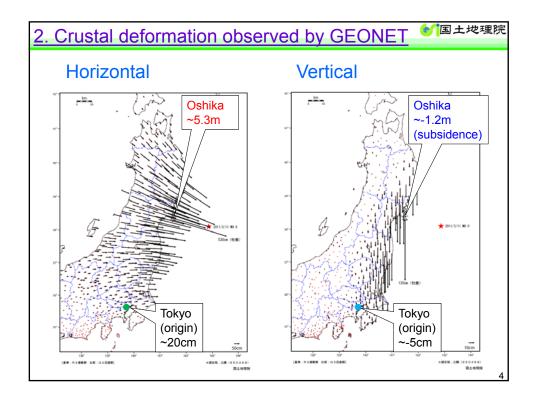
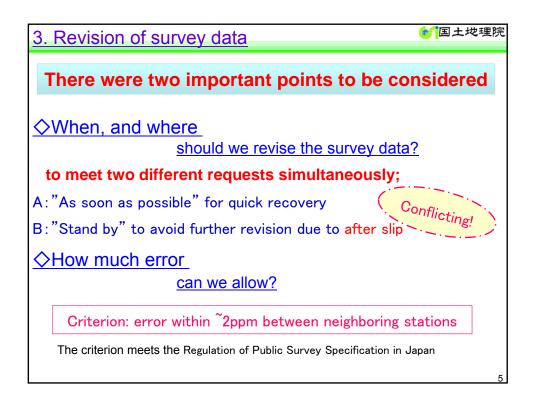
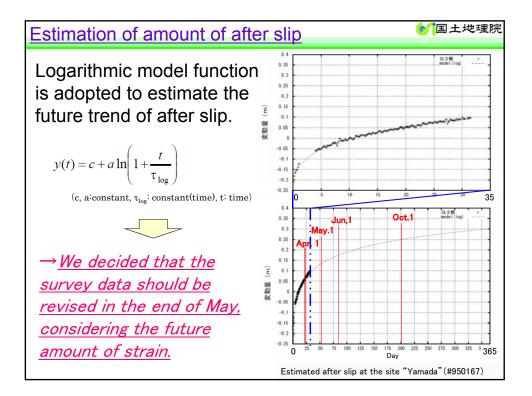
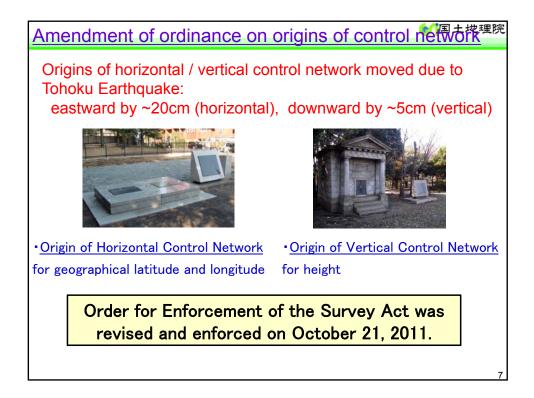


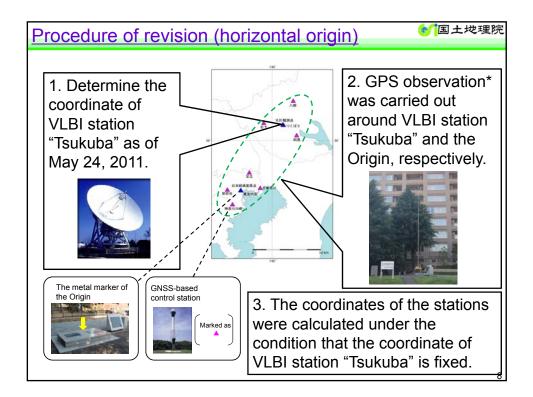
. Geodetic control point network in Japan Control Points in Japan (maintained by GSI) to provide the reference positions for Basic Survey and Public Survey							
Category	# of stations	Sub-category		Average Interval			
GNSS-based control stations (GEONET)	1,240			20 km			
Triangulation stations	109,074	First order triangulation stations Second order triangulation stations Third order triangulation stations Fourth order triangulation stations	975 5,060 32,326 70,713	25 km 8 km 4 km 1.5 km			
Bench marks	18,239	Fundamental bench marks First order bench marks Second order bench marks	86 14,682 3,471	150km 2 km 2 km			
Total	128,553						
		(as of M	larch 31,	2011)			

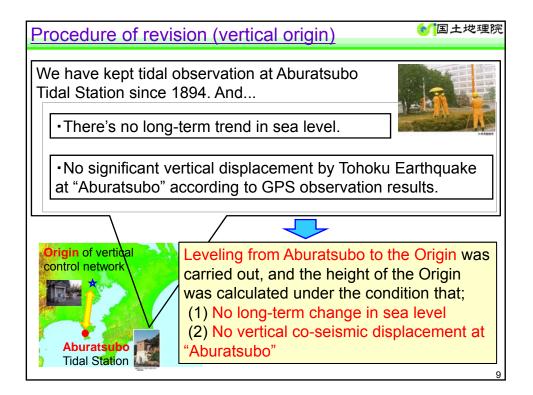


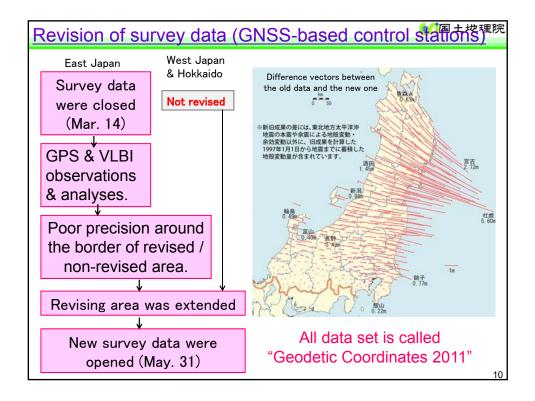


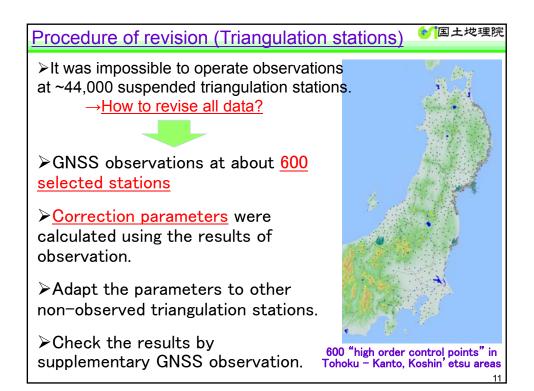


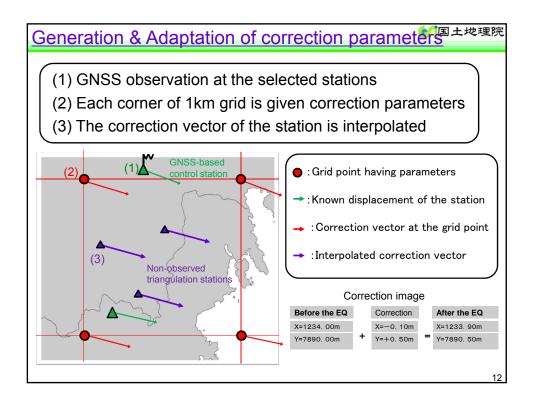


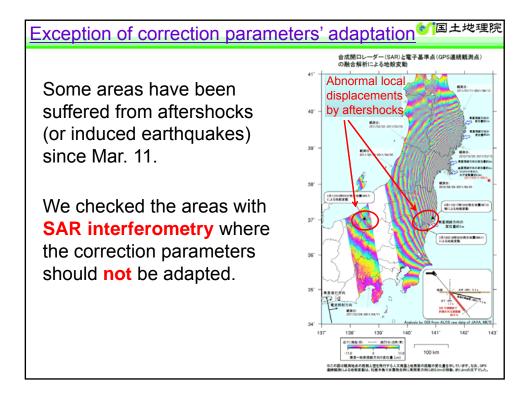


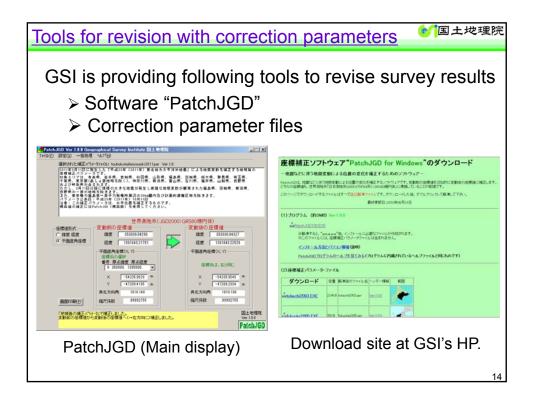


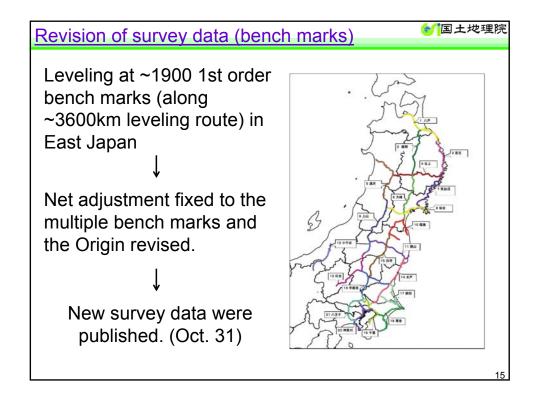




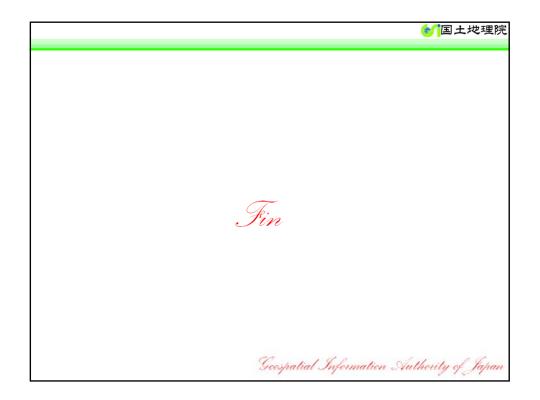








			econstruction" phase
GEONET	servation of after slip		
Triangulation stations & bench marks	Re-survey (Origins)	Re-survey (triangulation stations & bench marks)	Oct. 31 Revision of survey data (triangulation stations & bench marks)
Ordinance (coordinates of origins)		Government's hearing & consultation	Cabinet council meeting Enforcement of ordinance Oct. 21



Earthquake	Horizontal Displacement & Data suspension		Time Schedule			
Sep. 26, 2003 Off-Tokachi	87cm No suspensi data provis	cont	Jun. 1, 2004 rey data of GNSS-based rol stations were revised Maximum after slip of the stations became shorter than	Re-survey at 196 triangulation stations	Apr. 1, 2005 6,700 data are completely ➤ revised	
Oct. 23, 2004 Niigata- Chuetsu	20cm Survey data of 432 control points were closed		Information Informatio Informatio Information Information Information Informat	Dec. 28, 2004	Dec. 22, 2005 600 data are completely revised	
Jun. 14, 2008 Inland Iwate- Miyagi	150cm Survey data of 2,631 control points were closed		Aug. 4, 2008 urvey data of GNSS-bas trol stations were opened Correction pa		Mar. 2, 2009 2,300 data are completely revised	
Mar. 11, 2011 Off-Tohoku	530cm Survey data of 44,000 control points were closed		May 31, 2011 urvey data of GNSS-bas trol stations were opened	ed Re-survey at 1,900	Oct. – Nov., 2011 All survey data are revised	