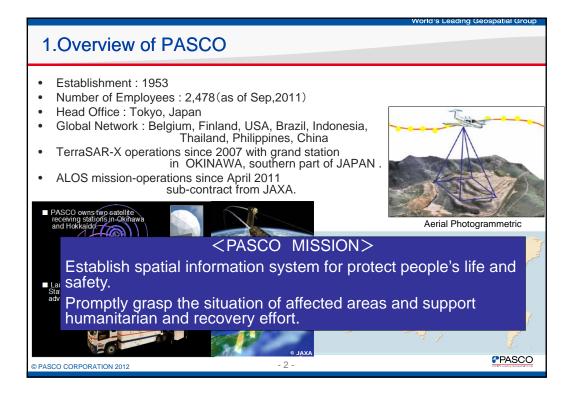
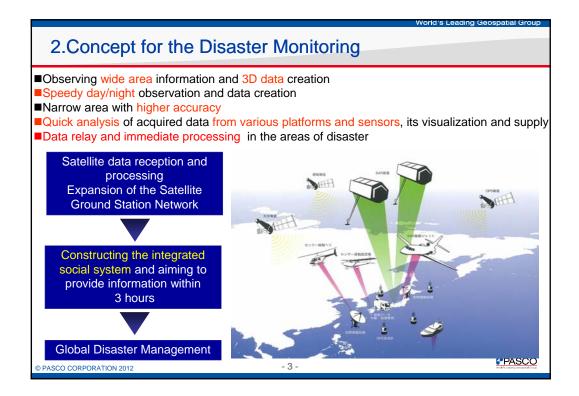


World's Leading Geospatial	l Group
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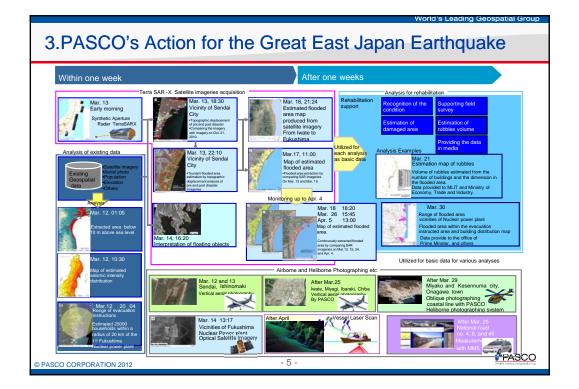








PAS	CO's	Domestic and International Disaster Monitoring
<u>2008</u>	Jan	Major Initiatives Monitoring of GLOF (Glacial Lake Outburst Flood) in the Himalayas
	Мау	Damage interpretations around Kitagawa, the Great Sichuan Earthquake
	Jun	Changes in Iwate-Miyagi inland earthquake slip
	Aug	Heavy rain flooded area estimation Aichi (town district Hishiike Kouda)
	Aug	Overflow of Kosi River in Nepal
<u>2009</u>	Мау	Disaster in Northern Brazil (near the Parnaíba River)
	Мау	Estimation of flood disasters due to cyclone "Aila" in Bangladesh
<u>2010</u>	Jan	Estimation of earthquake victims in Haiti
	Mar	Iceland volcano monitoring
<u>2011</u>	Jan	Monitoring eruptions of Shinmoedake volcano in Kirishima
	Feb	Earthquake monitoring in Christchurch, New Zealand
	Mar	Providing information about the Great East Japan Earthquake
	Sep	Landslide dam monitoring in kii Peninsula
	Oct	Flooding monitoring in Thailand
<u>2012</u>	Mar	Eruption of Sakurajima volcano(Showa crater), Kagoshima Prefecture
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Satellit	tes in <mark>red</mark> w	ere utilized for th	ne Great E	ast Japan Eart	hquake	
Sensor Type	Satellite	Appearance	Launch	• Operated by	Resolution	Swath (Nadir for Optical Se
Optical Sensor	IKONOS		Sep. 1999	Geoeye (USA)	Pan(0.82m) Multi(3.3m)	11.3km
	GeoEye-1	<u> </u>	Sep. 2008	Geoeye (USA)	Pan(0.41m) Multi(1.64m)	15.2km
	WorldView-2		Oct. 2009	Digital Globe (USA)	Pan(0.46m) Multi(1.84m)	16.4km
	WorldView-1	I I	Sep. 2007	Digital Globe (USA)	Pan(0.5m)	17.6km
	QuickBird	10	Oct. 2001	Digital Globe (USA)	Pan(0.61m) Multi(2.44m)	16.5km
	SPOT-5		May 2002	SPOT Image (USA)	Pan(5.0m) Multi(10m) SWIR(20m)	60km
	RapidEye		Aug 2008	RapidEye (Germany)	Multi(6.5m)	77km
	EROS-A	1	Dec 2000	Imagesat (Israel)	Pan(1.9m)	14km
	EROS-B		Apr. 2006	Imagesat (Israel)	Pan(0.7m)	7km
	Cartosat-1		May 2005	ISRO (India)	Pan(2.5m)	27.5km
	Cartosat-2		Jan. 2007	ISRO (India)	Pan(1.0m)	9.6km
Optical / SAR	ALOS		Jan. 2006	JAXA (Japan)	SAR(10m) Pan(2.5m) Multi(10m)	SAR 40-70km Optic 35-70km
SAR	TerraSAR-X	R. 2	Jun. 2007	DLR/Infoterra	1m(highest)	10~100km
	TanDEM-X		Jun. 2010	DLR/Infoterra	1m(highest)	(Range direction)

