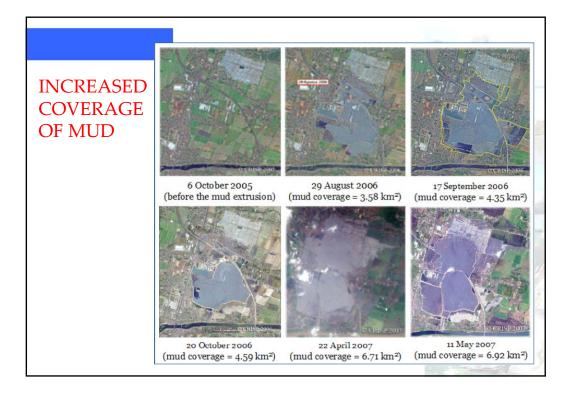


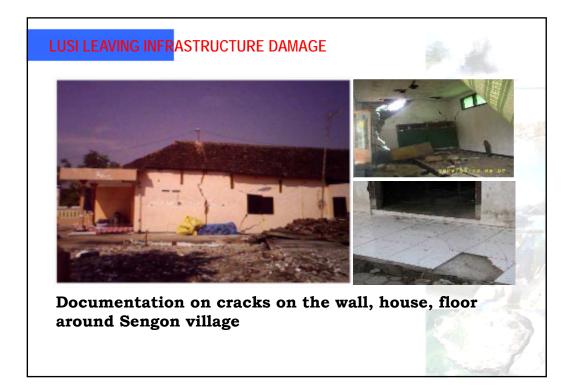


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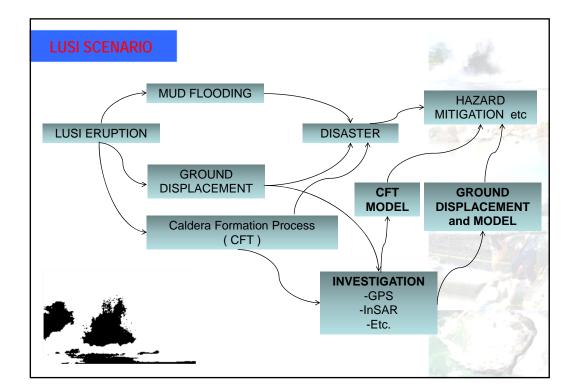








## <section-header><image><image><image>



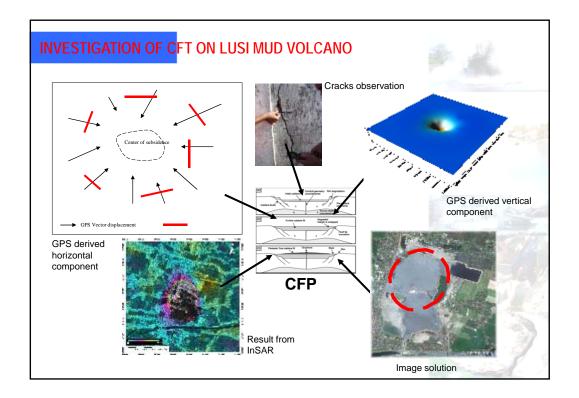


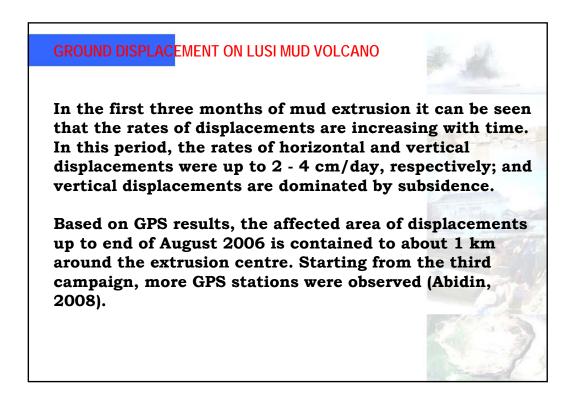
13 GPS campaigns have been conducted between June 2006 and May 2009

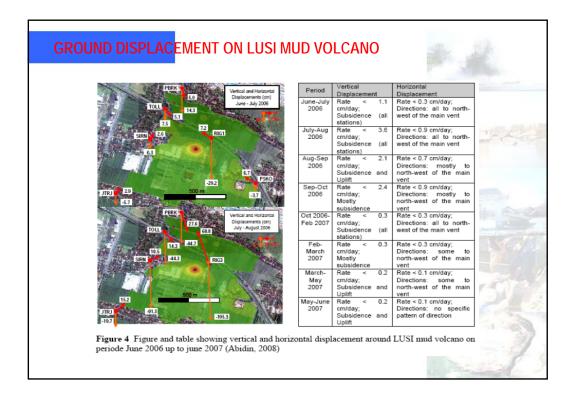
GPS surveys were performed on up to about 50 stations with set area over 10 kilometers rounding the center of eruption, using dual-frequency geodetic-type receivers, with observation session lengths of about 5-10 hours.

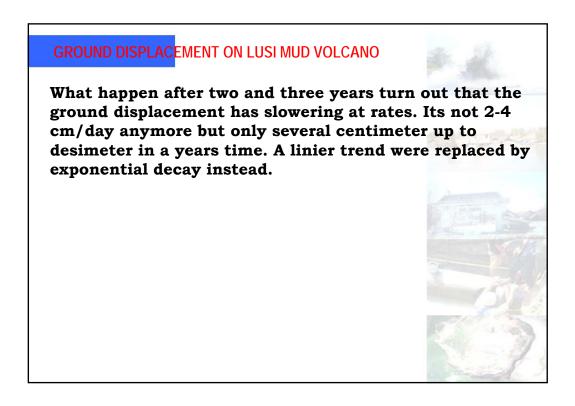
Due to the change in mud coverage area, the numbers of observed GPS stations were different from survey to survey, and the observed stations could not always be the same.











		e nun meter		of gro	ound	displa	ceme	nt at	some	mon	itored	l GPS	stati	on a	after 1	ye
SNGN 0.94 km	GLAG 1.08 km	RMKN 1.29 km	JBPR 1.86 km	GMPL 1.80 km	BPN18 1.86 km	1210 2.01 km	PGN1 2.06 km	BT16 2.51 km	BMT2 2.63 km	BMT4 2.80 km	КСМТ 3.39 km	KLDN 3.68 km	GPOL 3.68 km	ORFF 4.10 km	5BRR 5.27 km	5000 6.88 km
		-0.5690	-0.3872	-0.4041	-0.3882	-0.3491	-0.3360	-0.2391	-0.2147	-0.1847	-0.0894	-0.0481	-0.0478	0.0052	0.0000	0.0000
		ne nur	mber			displa	aceme	ent at	some	e mor	itorea	d GP	S stat	ion a	after i	3 ye
able	2 Th	ne nui meter	mber r rate	of gr	ound	-		ent at								-
able	2 Th	ne nur	mber			displa 1210 2.01 km	PGN1 2.06 km		SO1116 BMT2 2.63 km	е 11101 ВМТ4 2.80 km	nitored ксмт 3.39 km	1 GP: KLDN 3.68 km	S stat	0RFF 4.10 km	sBRR 5.27 km	3 ye

