

Introduction (issues during TC Larry, March 2006)

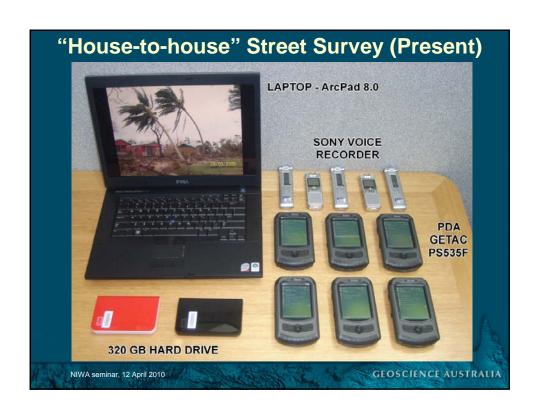
- Address problems with field data collection:
 - Poor weather and difficult working conditions in the period following tropical cyclones and in an "active" monsoon period;
 - Rapid clearing and repairs following a wind related disaster;
 - Rapid use of tarpaulins (obscure damage when viewed from the street).

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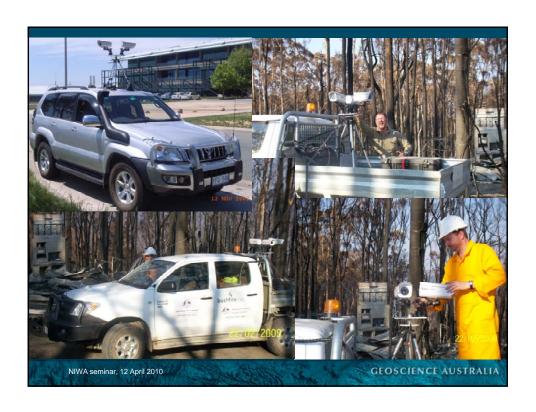
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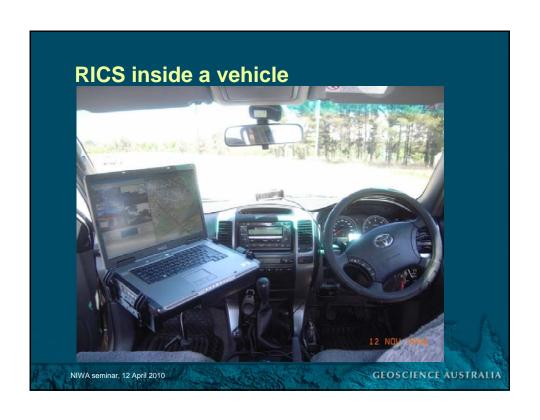


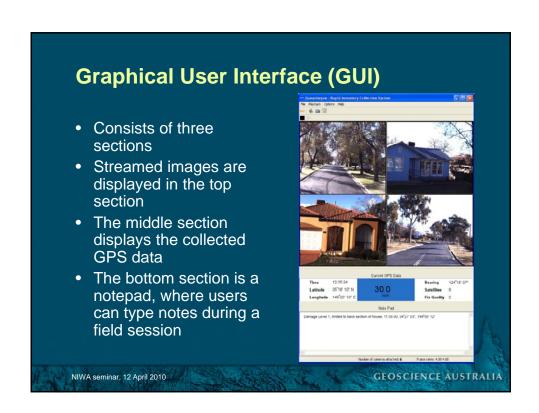
Hardware Components

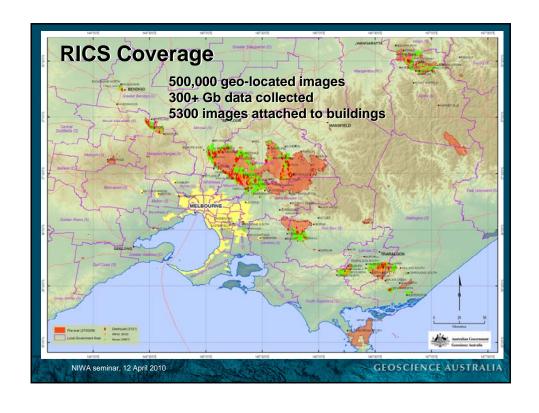
- High-resolution video cameras operating at approximately 4 frames per second;
- Cameras attached to an aluminium structure mounted either on the tray of a 4WD with three magnets or on a vehicle roof via suction cups.
- Streaming data is captured via an in-car laptop running RICS;
- 300W Inverter used to power the laptop, network switch and cameras.

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estroyed 35	Minor 21	None 184	(Vic Police)	(source DSE)
35	21	184	0	100,000
				180,000+
133	86	140	11	150,000+
1244	530	1766	121	32,800+
48	21	103	1	500+
590	74	400	38	24,500+
2118	832	2593	171	390,000+
	48 590	48 21 590 74	48 21 103 590 74 400	48 21 103 1 590 74 400 38

Future Directions

- Open Source (including GIS software)
- Automatic testing tools
- Streamlining the database upload into the GIS environment
- Speeding up of JPEG compression
- Recording of internal car commentary
- Simplify power to cameras

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