




The trouble with being punctual is that nobody's there to appreciate it. – FRANKLIN P. JONES

K2Vi – Key To Virtual Insight


Visual approach to sea level rise, Wellington NZ

Alex Cowdery, AAM Sydney Office



Presentation Outline

- Geomatics overview, where K2Vi fits in at AAM
- K2Vi Movie samples
- Brisbane Flooding Oct 2010
- Wellington live demo
- Questions



Geomatics & AAM

- Geomatics is the discipline of gathering, storing, processing, delivering and visualizing spatial data/information
- K2Vi is a 3D visualisation tool of spatial data
- AAM provides expert and dedicated services in all aspects of geomatics discipline

LIDAR	Hard Drives	Software	Hard Drive	Web-Map
Aerial Imagery	Networks	200 staff	FTP	Web-GIS
Satellite Imagery	Co-Lo Servers	Skills	DVD/CD	K2Vi
TLS & HILS	Archive	Upskilling	Web-Service	GIS
Land Survey	Backup	Mapping		CAD
Pictometry	8 Aust Offices	P, L, F, P		
300° Video	4 Int'l Offices			
360° Imagery				




14 Oct 2010, 1.05pm

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Flood alert in Brisbane after release from brimming dam

AAP | October 14, 2010 1:05PM A+ A- Share

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LOW-lying areas of Brisbane have been warned of further flooding today following releases from the Wivenhoe Dam.

Skies were clearing in the Queensland capital today but controlled releases of water from Wivenhoe are pouring down the Brisbane River, where they will meet a high incoming tide in the afternoon.

Brisbane City Council warned that many streets, which normally provide parking for commuters, were likely to flood.

The council has also suspended all ferry services along and across the river, due to debris flushed



14 Oct 2010, 4.07pm

Brisbane flood threat eases as Anna Bligh criticises 'conflicting' information

Ursula Heger, Anna Caldwell and Koren Helbig | The Courier-Mail | October 14, 2010
4:07PM 252 comments

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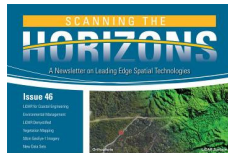


Wellington K2Vi - Demo

- With accurate topography, orthoimagery, building models and the right tools, you can visualise and interpret coastal environments
- [Link to Wellington K2Vi](#)



Thanks for your time, Questions?



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LIDAR for Coastal Engineering

David Jones

LIDAR data is used to create a 3D model of the terrain and water levels. This is used to create a digital elevation model (DEM) which is used to create a digital surface model (DSM). The DSM is used to create a digital terrain model (DTM) which is used to create a digital surface model (DSM). The DSM is used to create a digital terrain model (DTM) which is used to create a digital surface model (DSM).

Other Resources

- [LIDAR for Coastal Engineering](#)
- [LIDAR for Coastal Engineering](#)

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