

Survey Community and Communication

Lessons learnt and thoughts for the
future

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Clark Land Surveyors



Background

- NZIS Canterbury branch member since 2000 and branch secretary 2004-2010
- Branch executive member
- Worked at the Christchurch City Council for 6 years and the last 10 years with Clark Land Surveyors
- Based in Middleton 5 km west of the CBD



Sept 2010

- Assisted with asset information capture with the pre SCIRT organisation
- Worked in with local surveyors and 12d to provide solutions for asset capture and network analysis



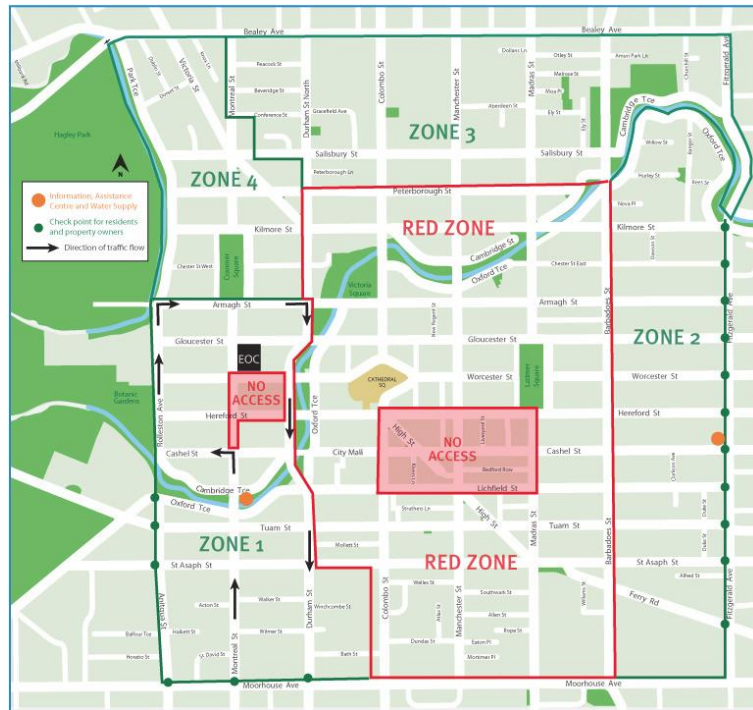
February 2011

- Office was initially closed for the week after the quake due to logistics but...
- We could remain operational
- Contacted by engineer
- Needed help in the CBD



CBD response

- Initially tasked to monitor the Hotel Grand Chancellor and report back



Civil Defence HQ

- Multi agency HQ
- Based in the Art Gallery
- Critical Building Team –
 - formed by MBIE
 - To assess buildings identified by initial inspections
 - Based on hazards, size of building
 - (4+ stories)
 - Placard system



Civil Defence – Emergency Operations Centre

- Initial reporting of HGC highlighted a significant shortfall of information!!
- Offered help to coordinate a surveying response in the CBD and to use network to call for help
- Identified surveyors operational in the CBD
 - USAR support
 - Surveyors accessing the CBD



Networking

- Coordination
- Email of information about access to the CBD and points of contact
- Used contact information and network
 - Offers of support
 - Supply of information and equipment
 - Supply of manpower for logistics
 - Peer review of processes
 - Troubleshooting



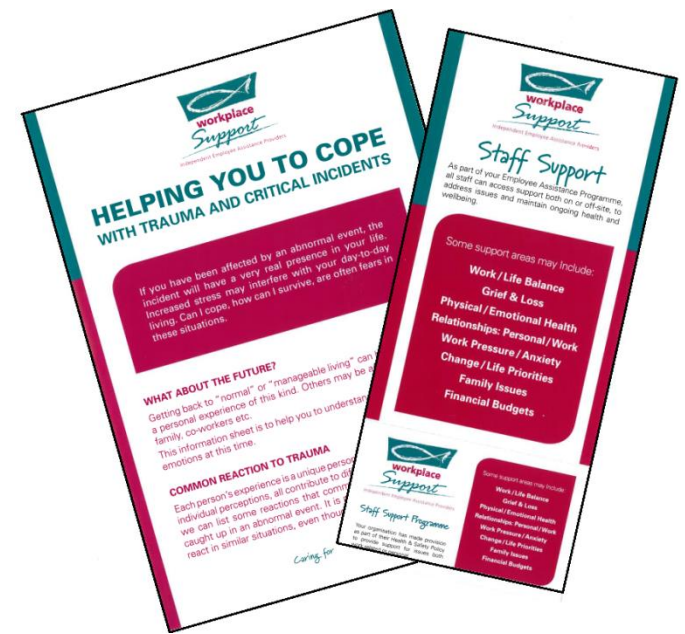
Technology

- Limited power
- Lack of computer in EOC
- Basic reporting
- Basic record keeping



Staff Support

- ALIEN environment
- Affect on personnel
- Demoralising work
- Environmental issues
- EXHAUSTION
- Staunch Kiwi attitude.....
- Daily debriefing over dinner



Future

- Business response
 - Have you thought of the what if....
 - Cloud storage
 - Insurance
 - Smartphone Apps
 - Banking, Survey info, social media, web based communications
- Local response
 - Branch contact information
 - Networking
 - Social events – build relationships
- National response



National Response

- National initiative
 - Surveyors without borders!!
 - NZIS HQ maintained guidelines and information
 - National training / experience sharing
 - Have to assume local surveyors unavailable
 - Regional points of contact
 - To support neighbouring regions in the event of an emergency
 - Standardised information
 - Consultation with IPENZ, Civil defence, MBIE, EQC
 - Why reinvent the wheel?

