

# Christchurch City Council Response to the Canterbury Earthquakes Getting started, Keeping it going, Living with it

Kyle DOW, New Zealand

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## SUMMARY

This is a summary of the Christchurch City Council GIS response to the Canterbury Earthquakes.

During the response to the Canterbury Earthquakes GIS played an important role in gathering and storing data, providing information in textual and map formats, sharing data and information, and analysing data to provide a picture of the current state of facilities and networks on a near to real time basis.

GIS initially provided services for 24 hours a day over 3 shifts, however this was soon reduced to two shifts covering at least 16 hours but sometimes 20 hours a day. Maintaining this level of cover for a few days was fairly easy, however as the days grew into weeks it became harder for people to manage their home lives (many were dealing with very stressful situations at home) and then come to work in a pressure environment and keep their minds on the job. So the need to get additional staff soon became a priority, but even this proved difficult in our GIS environment.

The presentation for FIG Working Week 2016 will cover a number of areas of the GIS response to the Earthquake events:

- Staffing and Rostering
- Workload Management
- Resources
- Data Management
- Sharing Data
- What worked well

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