



Newsletter

South Island Alpine Fault Earthquake Response (SAFER) Plan
March 2017

SOUTH ISLAND WORKSHOPS RIPPLE TO WELLINGTON

Year-1 of Project AF8 is progressing well, with interest and engagement spurred on by the November 2016 “Kaikoura” quakes, wild fires, and floods. Turnout at the workshops peaked with 130 participants at the Canterbury workshop in March. The workshops have provided a rare opportunity for response partners to plan together before a disaster.

Significant findings from the six South Island workshops include:

- Response coordination in a highly compromised coms environment
- Coordinated reconnaissance:
 - Local, regional, South Island, national
 - Community, lifeline utilities, hazards
- Priority telecoms restoration / replacement
- Coordination, access + support of immediate medical response
 - Efficient use of air transport resources - particularly helicopters
- Shelter, movement, reception & care of displaced people (10,000s)
- Coordination of science support to regional responses
- Shared situational awareness – across all regions
 - Resilient info/intel acquisition, management, analysis, sharing
- Consistent messaging across the South Island
- Resupply of isolated communities: land, air, water
- Role of national agencies in South Island coordination + support:
 - Including NZDF resources + facilities
- Coordination of inbound national + international resources?
- Integration of iwi with response(s)
- National coordination + control - with Wellington compromised

The Project AF8 Impacts Expert Panel met in late-March to revise the scenario for use in the workshop to be held for Wellington agencies in late-April. The Wellington workshop scenario will include not only the damage, needs, and response activities used in the South Island workshops, but also direct and indirect impact on Wellington and the rest of the North Island. This will be an opportunity to explore some of the key cross-South Island and national issues raised in workshops so far.

QUAKE VIDEOS PROJECT EOI

The Project AF8 has initiated a call for expressions of interest to develop a set of short, engaging videos to raise awareness about the Alpine Fault hazard and what can be done to reduce its consequences.

The videos will be used on-line and in public engagement sessions in year-2 of the project and beyond.

Inquiries about the project should be directed to Glyn Walters at Marlborough District Council:

Glyn.Walters@marlborough.govt.nz

Phone: 03 520 7400

Registration of interest for video production

Project AF8 – the Alpine Fault

The Alpine Fault 8 Project seeks registrations of interest for the provision of video services. We are seeking vendors who can provide the following services:

- Produce a set of short informative videos explaining the processes, impacts, and resilience options for a South Island Alpine Fault earthquake.
- Use of traditional and innovative video techniques, including simulation
- Suitable for a variety of audiences
- Content able to be shared on a variety of platforms including social media.

Project AF8 is a risk scenario-based earthquake response planning project focused on the South Island Alpine Fault. Research shows that the Alpine Fault regularly produces a magnitude-8 earthquake, approximately every 300 years. There is a 30% chance of a major quake in the next 50 years.

The project is funded by the Ministry of Civil Defence & Emergency Management, and run by Emergency Management Southland on behalf of the South Island's regional civil defence groups. For further information go to: <http://projectaf8.co.nz/> or <https://www.facebook.com/ProjectAF8/>

Registrations of interest should include the following:

- Name, address and main contact details
- Capability and experience in providing the service(s)
- Which service(s) can be provided
- Price for each service and any discount arrangements.

Registration of interest close at 5pm on
Friday 21 April 2017.

Please email your registration of interest to:
info@projectaf8.co.nz

Or post to:
Video EOI
Project AF8
Emergency Management Southland
Private Bag 90115
Invercargill 9400

For enquiries please contact:
Glyn Walters at glyn.walters@marlborough.govt.nz
or phone 03 520 7400.



PROJECT AF8 SCIENCE UPDATE: FOUNDATION TO RESPONSE PLANNING.

The science work for Project AF8 has been going along at speed in recent months. We learnt a huge amount from the Kaikoura earthquakes, particularly in terms of their complexity, we now know the quake jumped across 21 separate faults. This is a first for New Zealand and hit the international headlines. This has already changed our thinking about earthquake behaviour, and confirmed that we should always expect the unexpected!

Social and response management learnings from recent responses have also been invaluable, such as tourist evacuations and how communities respond to the needs of extra visitors in the aftermath of the disaster. In Kaikoura we saw Takahanga Marae play a major role in leading the community welfare response, which was a massive contribution on their part.

From an infrastructure perspective, there were changes to networks due to damage and disruption, with significant flow-on effects. Road closures into Kaikoura displaced traffic on to SH8, which led to huge changes in demand for small businesses along the highway – both positive and a negative. The timeframe for reinstating the roads and other critical infrastructure was also observed to play a significant role in recovery, with businesses and locals crying out for a rapid reinstatement of services to allow them to welcome visitors and other business activity to restart as quickly as possible.

It is vital that we glean as much as we can from events like this