



*5th Healthy Cities: Working
Together to Achieve Liveable Cities*
Conference

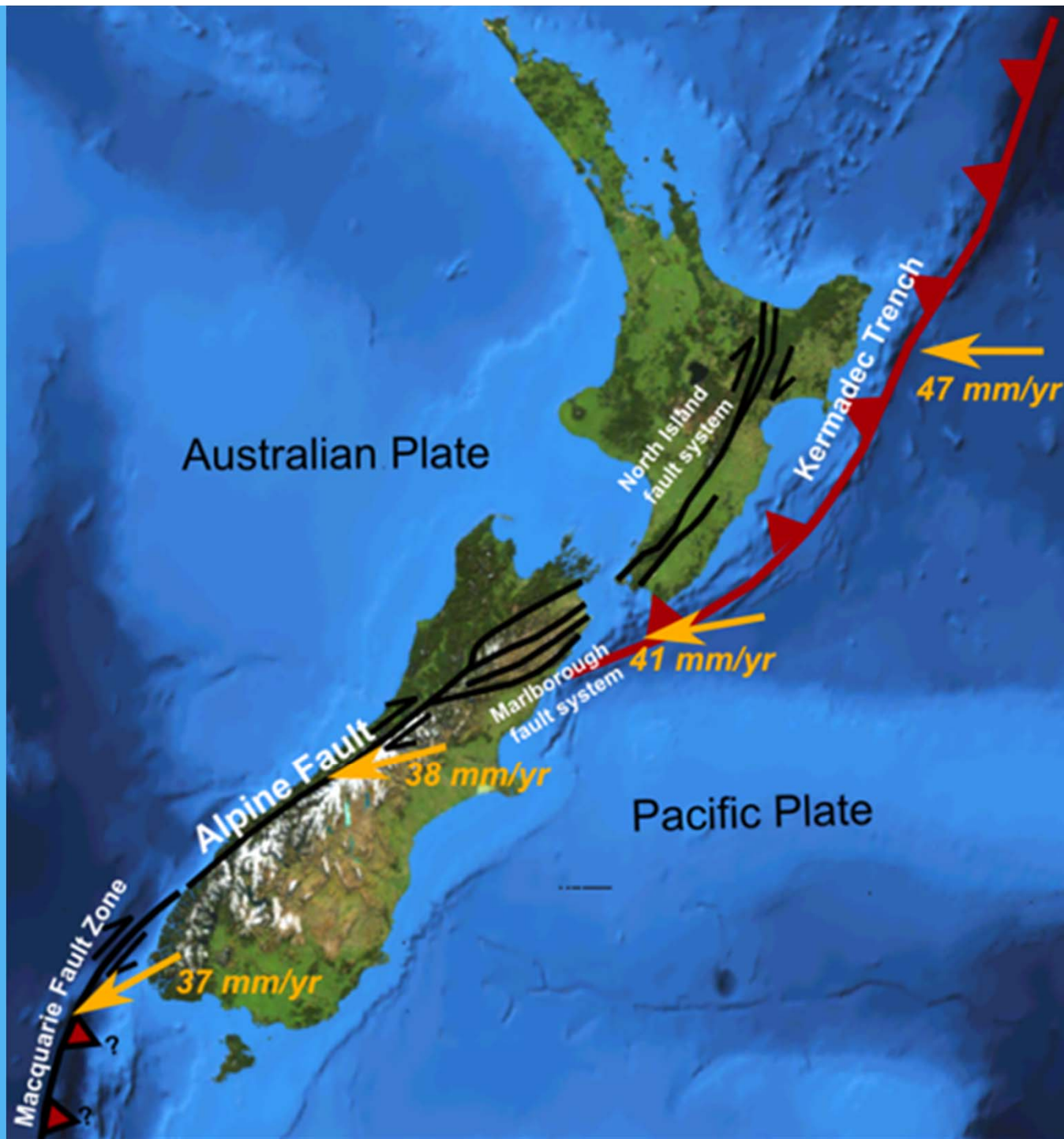
Nicola Laurie

Community and Public Health
Canterbury District Health Board

**Advocating for a healthy city when the
old one has fallen down**

A public health perspective from Christchurch, NZ







Public Health Issues September 2010



Blatant: Despite an obvious warning of contamination, a whitebaiter hauls a net of the little fish from the Avon River at the intersection of Cowlishaw St and Avonside Dr.



Polluted: A whitebaiter fishes in the contaminated Avon River near Avonside Girls' High School. Photos: DON SCOTT

Buyers of whitebait urged to check source

Marc Greerhill

Whitebait caught in contaminated Canterbury waterways could be sold to unsuspecting cafes and restaurants, the New Zealand Food Safety Authority (NZFSA) warns.

Health concerns were raised yesterday as whitebaiters continue to ignore warnings not to fish from rivers, river mouths and estuaries polluted with sewage and wastewater after last month's earthquake.

NZFSA food safety acting deputy director-general Carol Burnao said it was disappointing warnings were not being taken seriously.

"Our concern is whitebaiters are selling their catch, which is most likely contaminated, to unsuspecting restaurants and cafes.

"Our message to whitebaiters is simple. Stop putting yourselves and the public at risk."

Canterbury medical officer of health Alistair Humphrey said warnings issued by police during the state of emergency, and signs at popular fishing spots, had gone unheeded.

Civil Defence had been asked to use its powers to have police remove whitebaiters from contaminated waterways, he said.

Failure to comply could result in a fine of up to \$5000 or three months' jail.

Humphrey said cafes and restaurants were being asked to check the origin of whitebait they buy.

"Part of the problem is the catch on the West Coast has been quite low this year so far,

which has put the price up and made it more profitable for whitebaiters on this side of the hill," he said. "A number of people have complained to us that they've seen whitebaiters catching quite large quantities of whitebait, certainly more than you'd ever use personally."

Food outlets and whitebaiters could be liable for causing food-borne illnesses from contaminated whitebait which could be sold anywhere in the country.

"It's frozen, it's sold in blocks and none of us want to be sitting in a restaurant or the waterfront in Auckland or Wellington thinking we might be eating something that's contaminated," Humphrey said.

"These whitebaiters are spoiling it for the whole industry."

- Sewerage systems broken
- Sewage in rivers and flood water
- Likely contamination of unchlorinated water supplies
- Power outages; food safety
- Welfare centres
- Social disruption, anxiety

Public Health Emergency Response - September 2010

Canterbury
District Health Board
Te Poari Hauora o Waitaha

- State of emergency ended 16 September
 - Ongoing public health issues
- BUT
- How best to advocate in recovery?
 - How to make the most of the opportunity?

 **Public Health Intelligence Report**

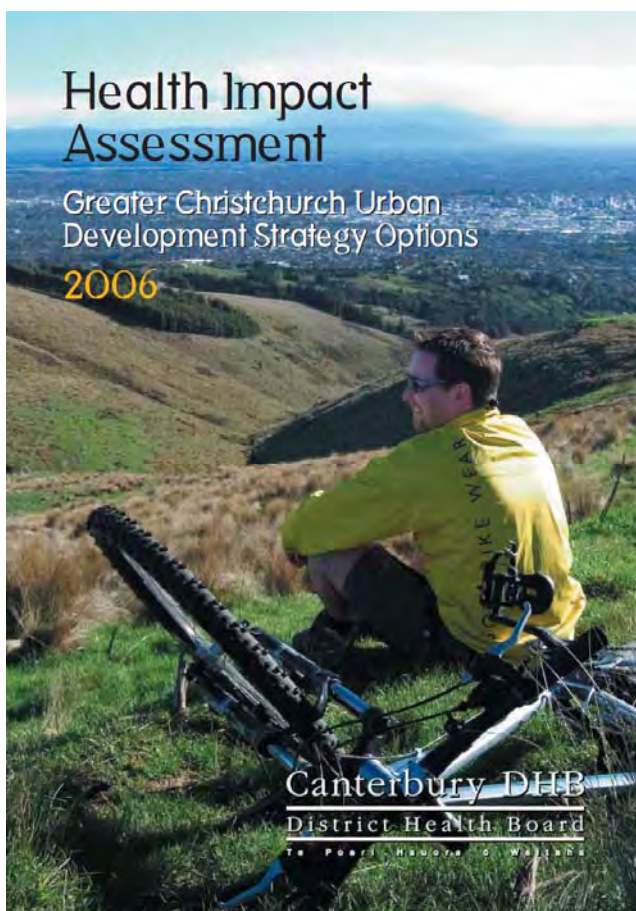
ALL Content: Master Publication date and time: 16/09/2010 2:26:55 p.m.

This report was extracted from the intelligence site on 16/09/2010 2:26:04 p.m.
Individual data elements have been updated at the times indicated in the body of the report.

C&PH Situation Report

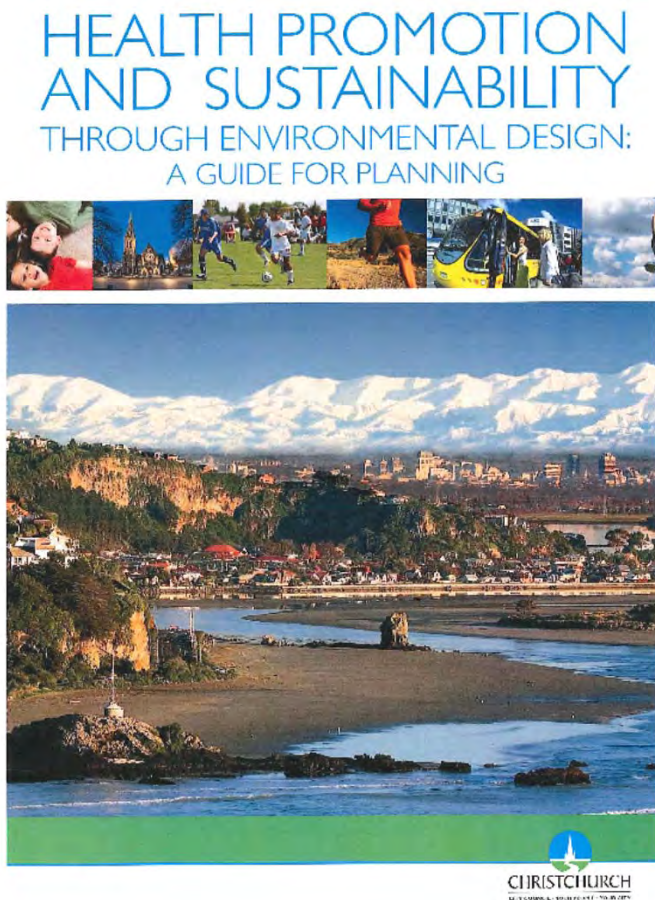
Incident: Canterbury Earthquake Report No : 17 Date: 16 Sep 2010 1415hrs Prepared By: Daniel Williams and Nicola Laurie Contact Details: Ph: 3641 777 email: cphe@canm.govt.nz
ASSESSMENT: 7.1 magnitude earthquake at 0435 hrs 4 Sep 2010. Ongoing aftershocks up to 5.1 magnitude, but frequency of aftershocks reducing. Over 600 aftershocks experienced with seven since midnight, the largest being 4.5. - The state of emergency will extend until midday today (16/09/10) in the CCC, Waimakariri and Selwyn. WASTE WATER - Ongoing issues with damaged pumps, sand problems and a number of streets without sewer reticulation. - Sewer overflows continue to be monitored with warnings given to the public. DRINKING WATER - All water essentially restored however, some new breaks occurring. A post-quake recreational water sampling plan is being drawn up (CCC and ECan). - The only areas which still have a boil water notice in place are : Kaiapoi, Kairaki, and Pines Beach (Waimakariri).

Greater Christchurch Urban Development Strategy HIA 2006



- Air quality
- Water quality
- Housing
- Transport
- Social connectedness

Health Promotion & Sustainability Through Environmental Design 2008



- A guide for local government planners
- 14 determinants of health
- Application to policy and spatial planning
- Used by council & public health staff to advocate for a health determinants focus

Integrated Recovery Planning Guide

Version 1 October, 2010

Canterbury

District Health Board

Te Poari Hauora o Waitaha



12.51pm 22 February, 2011



Integrated Recovery Planning Guide

Version 2 June, 2011



- Aligns with the standard recovery strategy matrix
- Attempts to minimise the risk of silo-ing
- Asks planners to consider 14 key areas or dimensions of health
- Effective communication is seen as pivotal

Integrated Recovery Planning: A thinking tool

- Consider each dimension or two or more together
- Prioritise and group ideas; look for opportunities and challenges
- Take time to consider the alternatives
- Be informed by different viewpoints; seek the opinions of others
- Consider the possible consequences
- What is already known? What other knowledge, research or information is required?
- Establish what the next steps will be

Integrated Recovery Planning Guide

Version 2 June, 2011



- Te Pae Mahutonga - a Māori model of health promotion
- Importance of cultural identity
- Holistic view of health

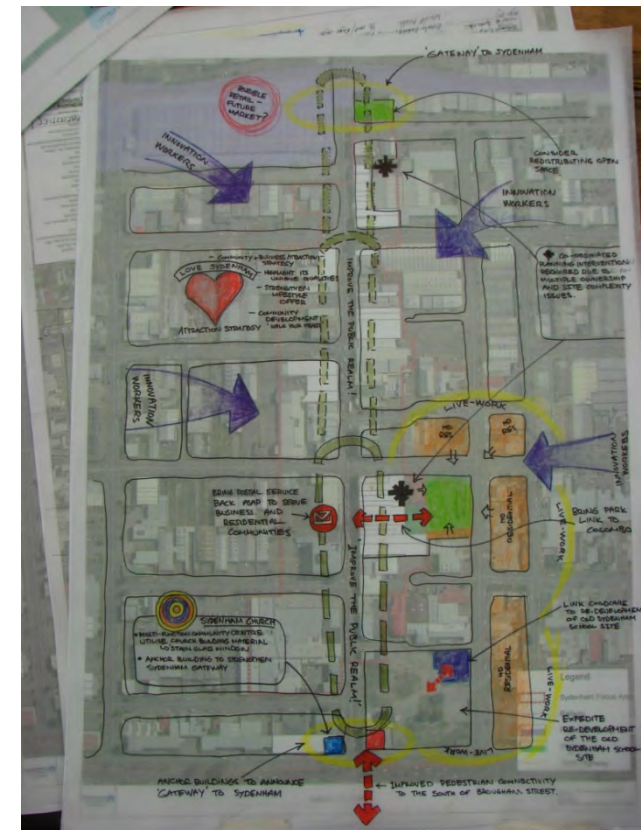
Integrated Recovery Planning Guide

An early application



- Review of draft Kaiapoi Town Centre Plan
- PH staff and Kaiapoi council staff and community board member
- First submission shaped by IRPG

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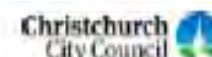


Technical 'Inquiry By Design' process for Sydenham and Lyttleton

Canterbury

District Health Board

Te Poari Hauora o Waitaha



1.4 The Master Plan development framework

A comprehensive framework based on Integrated Recovery Planning and urban design principles

There are many options for the rebuilding and development of Sydenham. It is important that the Master Plan takes a comprehensive view of the centre's potential and develops this in a considered and integrated manner. For this reason an overarching framework has been prepared to guide the framing of Master Plan goals and actions. A framework provides a rationale and focus for what development should achieve.

The framework has drawn from the following sources:

- The four environmental well-beings (natural, social, economic and cultural environment) to ensure planning is undertaken in a holistic and overarching manner.
- The *Integrated Recovery Planning Guide* (Version 2.0, June 2011).
- Urban design concepts and principles documented in the Ministry for the Environment's *New Zealand Urban Design Protocol* (UDP) (March 2005) and *People+Places+Spaces: A design guide for urban New Zealand* (PPS) (March 2002).

The *Integrated Recovery Planning Guide* has been developed by the Christchurch City Council and the Canterbury District Health Board in consultation with other stakeholders. It provides an earthquake specific revision to the 2008 planning document, *Health Promotion and Sustainability Through Environmental Design: A Guide for Planning*. The Guide assists people involved in recovery planning to integrate outcomes relevant to health, well-being and sustainability into policy and planning.

The five themes of the Sydenham Master Plan closely align to the elements of integrated recovery planning found in the guide.

Each of these themes are explained in more detail the framework on the next page.

Economy and business:

Movement:

Natural environment:

The framework is based on the following sources:

Integrated Recovery Planning Guide (Version 2.0)



A holistic approach to earthquake recovery planning which provides an overview of the principles of recovery planning together with an in depth exploration of business dimensions or determinants of health.

New Zealand Urban Design Protocol



- Establishes seven qualities of successful urban places, referred to in the industry as the 'Seven C's':
- Context: seeing buildings, places and spaces as part of whole towns and cities.
 - Character: reflecting and enhancing the distinctive character, heritage and identity of the urban environment.
 - Choice: ensuring diversity and choice for people.
 - Connections: enhancing how different networks link together for people.
 - Creativity: encouraging innovative and imaginative solutions.
 - Controllability: ensuring design is environmentally sustainable, safe and healthy.
 - Collaboration: communicating and sharing knowledge across sectors, professions and with communities.

People+Places+Spaces: A design guide for urban New Zealand



Identifies five key urban design principles

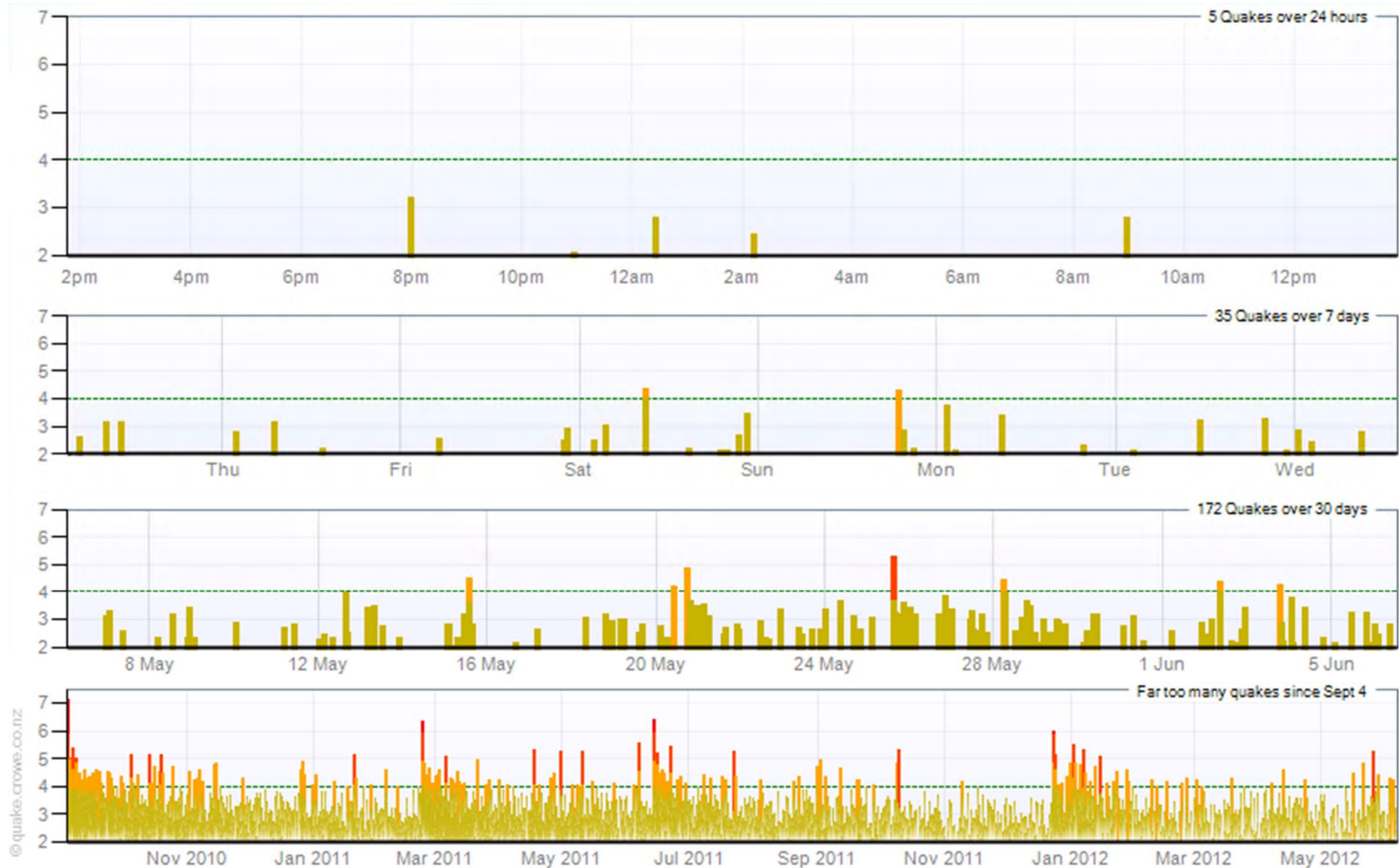
Planning for positive outcomes - putting people at the centre

Canterbury

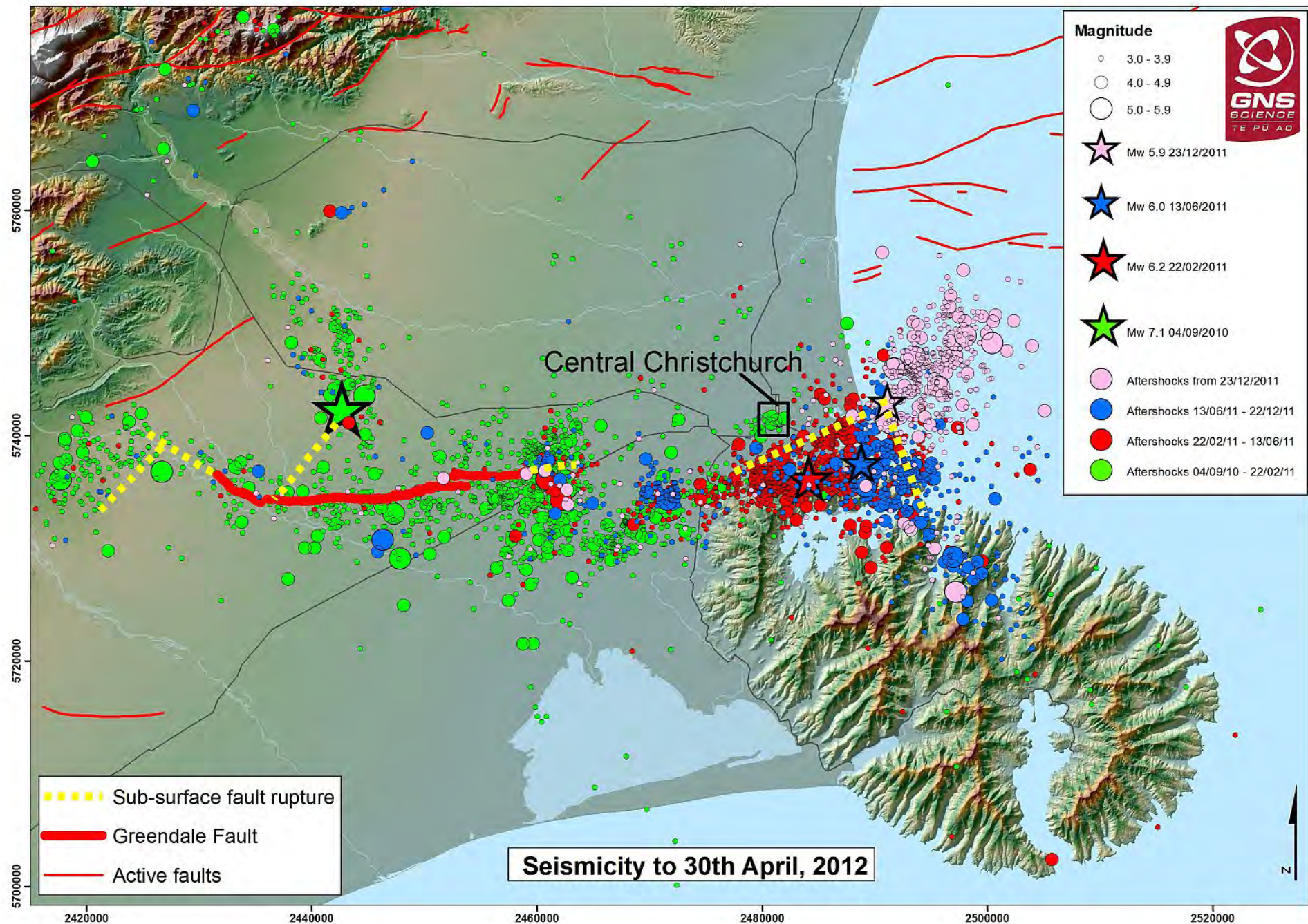
District Health Board

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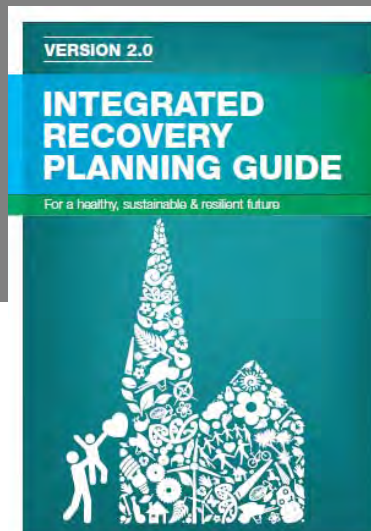




06/06 - Last shake #10767 was **Magnitude 2.76 (II)** at **89.38 km** at **8:56am**, about **4 hr 40 mins ago**, in the water 15 KM (+/- 1km) from [Wainui](#)



To the future...



Canterbury

District Health Board

Te Poari Hauora o Waitaha

Recovery Strategy for Greater Christchurch

Mahere Haumanutanga o Waitaha



CERA
Canterbury Earthquake
Recovery Authority



