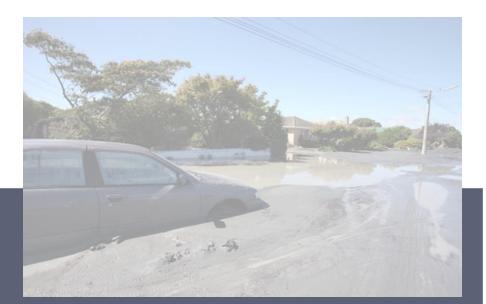


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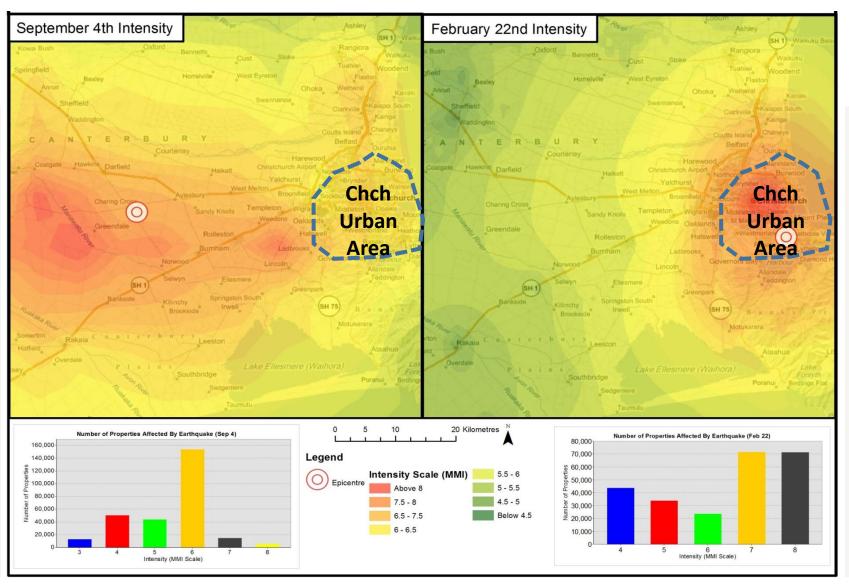
Lessons from the Christchurch Earthquakes

Emma Jacka

Principal Advisor, Greater Christchurch Group

Department of the Prime Minister and Cabinet, New Zealand

Shaking Intensity (MMI) Map



Christchurch City 22 Feb 2011



The Canterbury Earthquake Recovery Act 2011

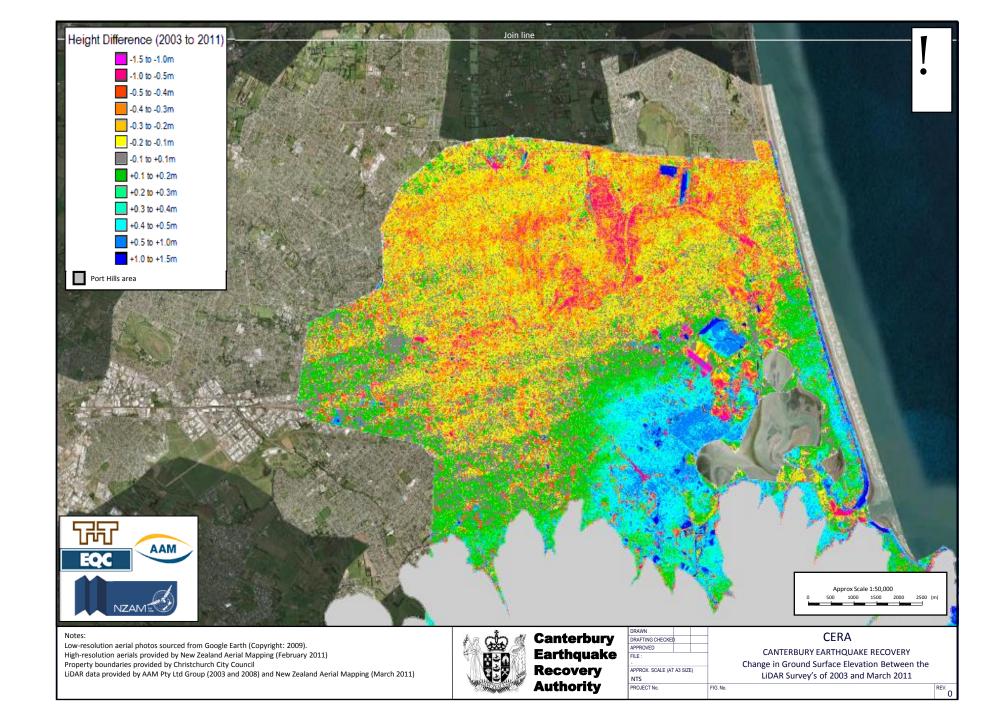
The Canterbury Earthquake Recovery Act 2011 provided the Chief Executive of CERA and the Minister for Canterbury Earthquake Recovery with specific powers to meet the purposes of the Act. Those purposes included to:

- provide appropriate measures that enable greater Christchurch and the councils and their communities to respond to, and recover from, the impacts of the Canterbury earthquakes;
- enable a focused, timely, and expedited recovery; and
- facilitate, coordinate and direct the planning, rebuilding, and recovery of affected communities, including the repair and rebuilding of land, infrastructure, and other property.



Severe Liquefaction





Liquefaction – Lateral Spreading



Rock roll, cliff collapse and landslides



Severe Liquefaction







Lateral Spreading



Rock fall damage



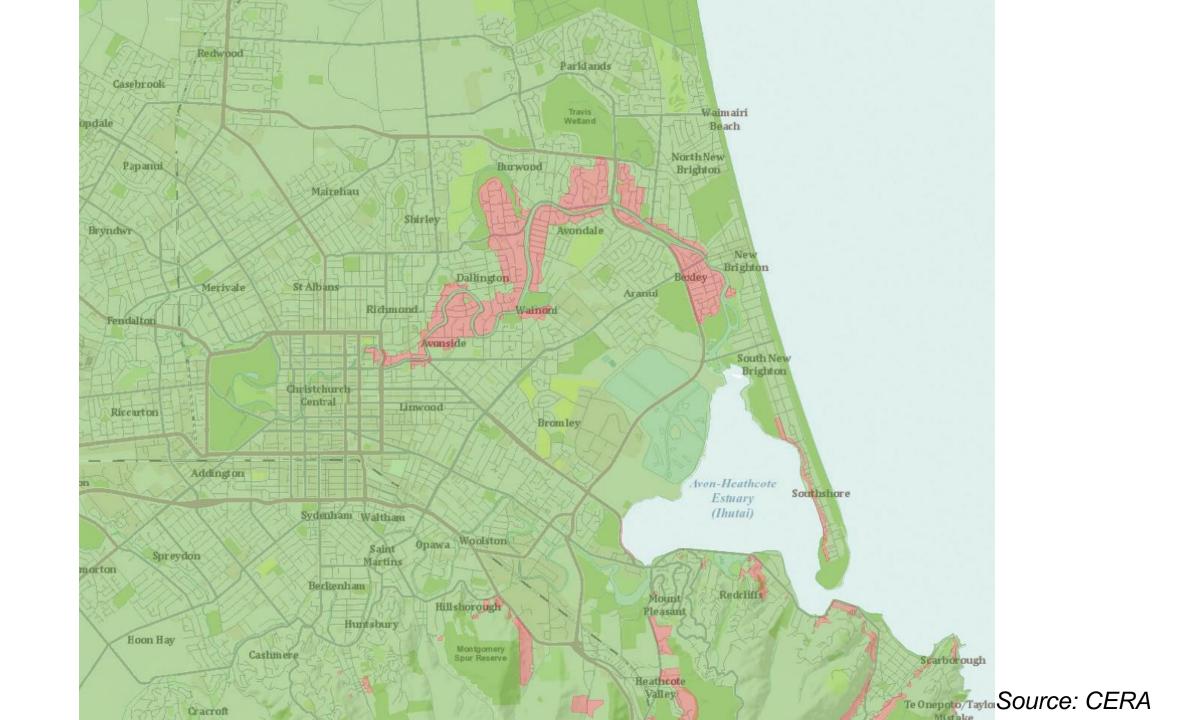
NZ Government's Rebuild Objectives

In considering options for assisting the worst affected residential property owners the Government agreed to the following rebuild objectives:

- Certainty of outcome for home-owners as soon as practicable;
- Create confidence for people to be able to move forward with their lives;
- Creating confidence in decision making processes (for home-owners, business-owners, insurers and investors);
- Using the best available information to inform decisions;
- Having a simple process in order to provide clarity and support for land-owners, residents, and businesses in those areas.

Policy Response

- 1. CERA land zoning —a process for categorising properties as residential green zone or red zone based on how much land damage the earthquakes had caused in particular areas and whether it was realistic and cost-effective to remediate that damage
- 2. Crown offer —a voluntary offer to owners of insured residential properties in the residential red zone that would allow them to sell up and move on with their lives.



Implementation



CERA community meeting 2011

- People centered engagement approach

"Relocation after disaster: Engaging with insured residential property owners in Greater Christchurch's land-damaged 'Residential Red Zone'"

- Michelle Mitchell 2015

The red zones today



www.regeneratechristchurch.nz www.eqrecoverylearning.org



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Questions