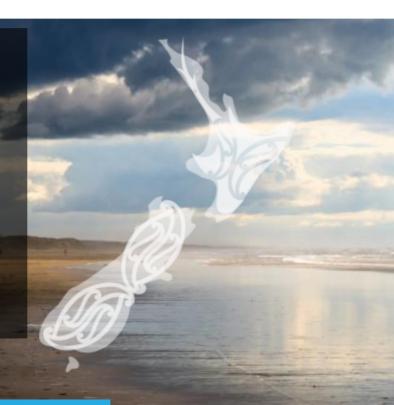




Rapid Rebound:

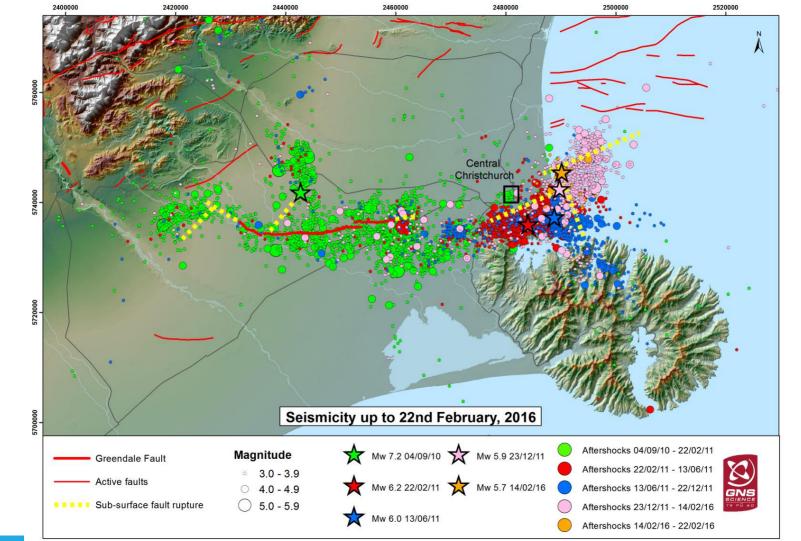
Applying the learnings of the Canterbury Earthquakes to the geodetic system

Nic Donnelly | Technical Manager Geodesy

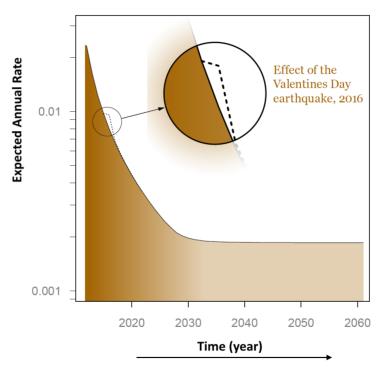








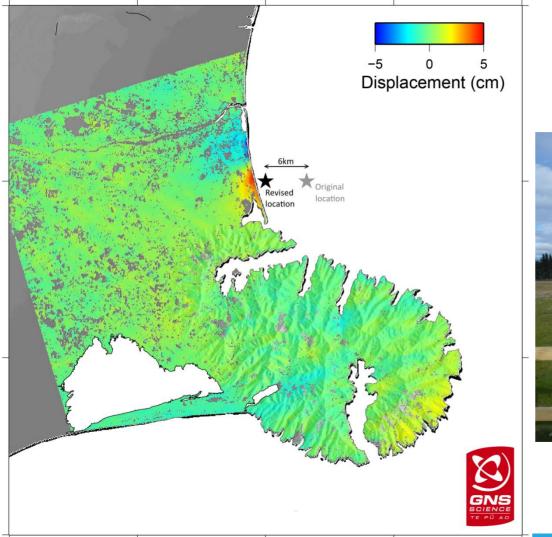
The changing rate of earthquake occurrence (magnitude 5 or greater) in Christchurch City Centre



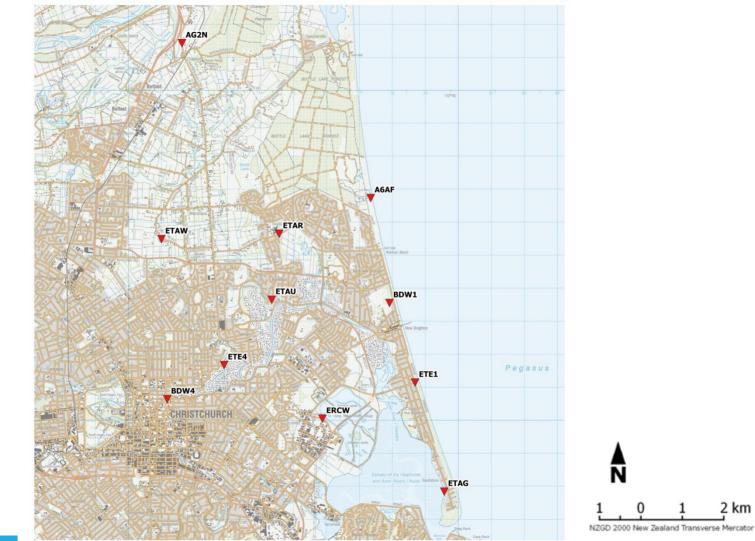
As we move forward in time, the expected annual rate of earthquake occurrence decreases. The Valentine's Day earthquake will only have a temporary effect on the rate of earthquake occurrence.

The rate of earthquake occurrence is calculated for a 0.05 degree square box centred in Christchurch City Centre (an approximate area of 20km).

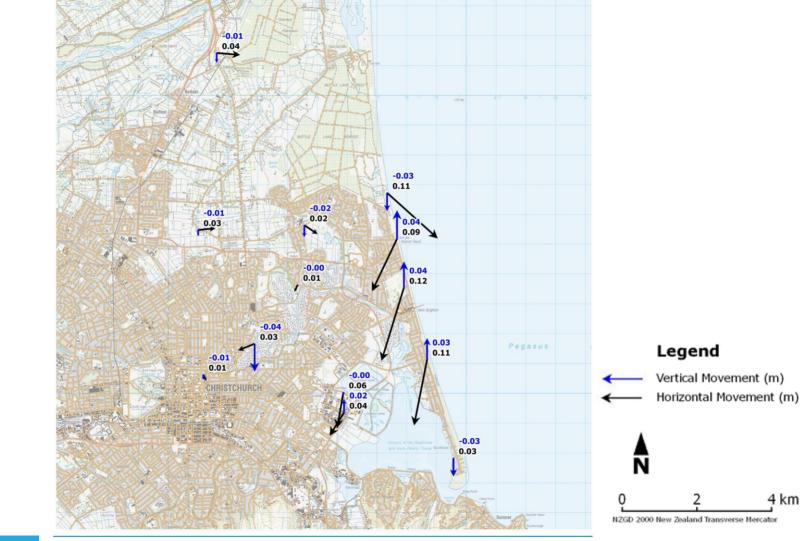
info.geonet.org.nz

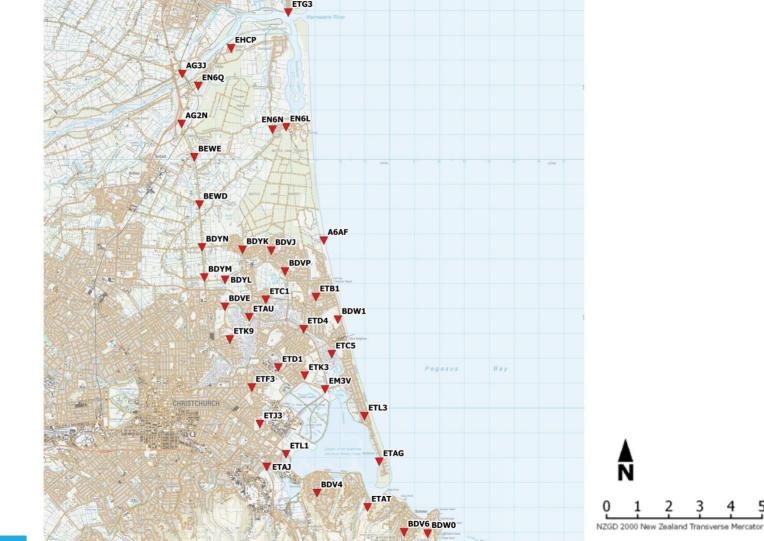




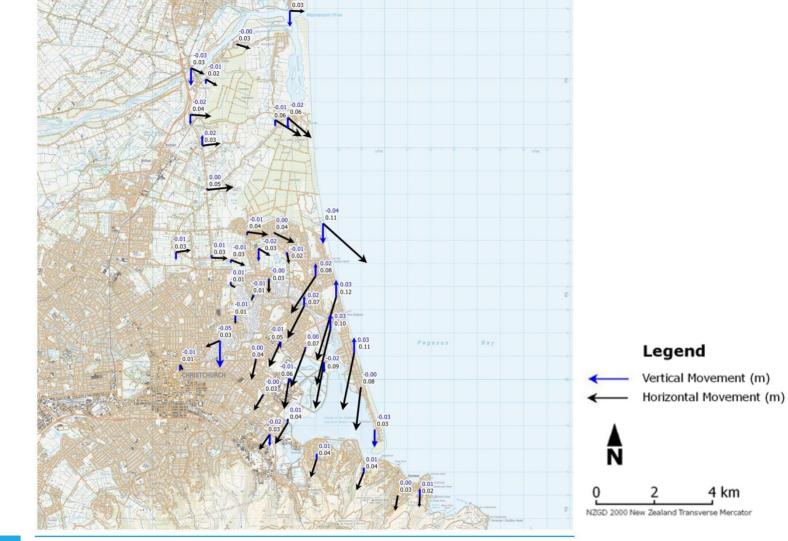


2 km





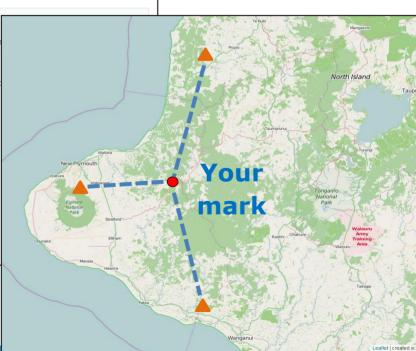
5 km

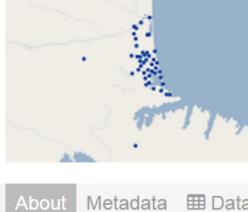


4 km



<< Back Next >> Cancel





eq 14feb2016 height change

Canterbury Earthquake (14 Feb 2016) Geodetic Marks LINZ / National Geodetic Office



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geodetic_c	ode	A6AF	
ourrent me	rk nome	7604	

-0.037

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post_14feb2016_nztm_east	1577346.142	Rev.	Published (UTC)	Features			Del.
nost 1/feh2016 ellinsoidal height	20 502						

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post_14feb2016_nztm_east	1577346.142	Rev.					
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q_14feb2016_east_change	0.08						

eq 25 February 2016 21:42 eq_14feb2016_horizontal_change 0.108







