

FIG Working Week
Christchurch
New Zealand
2-6 May 2016



On Shaky Ground

By Mark Myall & Nick Saunders

3rd FIG Young Surveyors Conference




Myall & Thurlow Consultants Ltd
Surveying * Engineering * Planning

Christchurch
City Council 



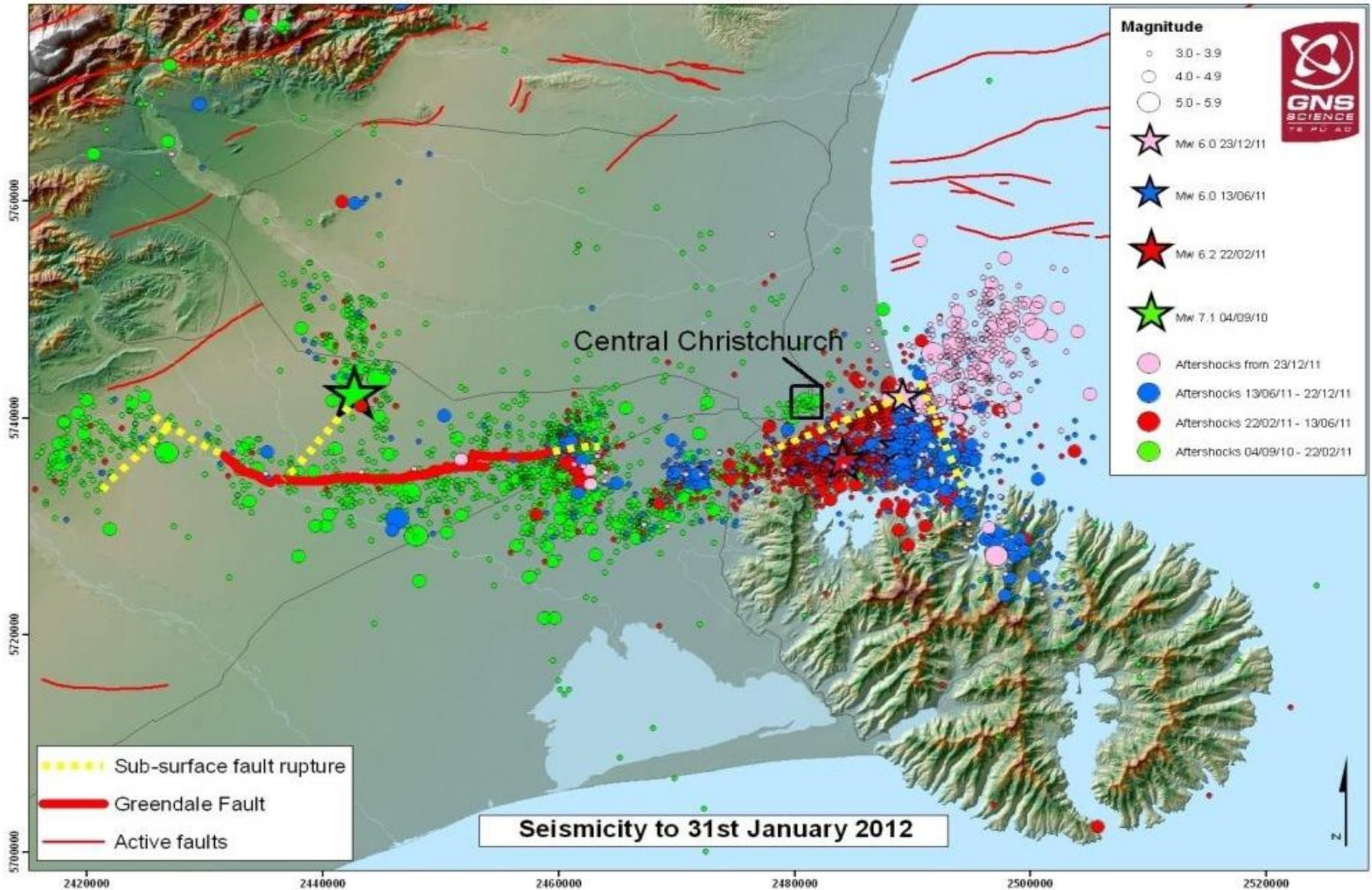
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 **NZIS**
YOUNG
PROFESSIONALS

New Zealand Tectonic Setting



Earthquake Epicentres



February 22 2011. - 12.51pm

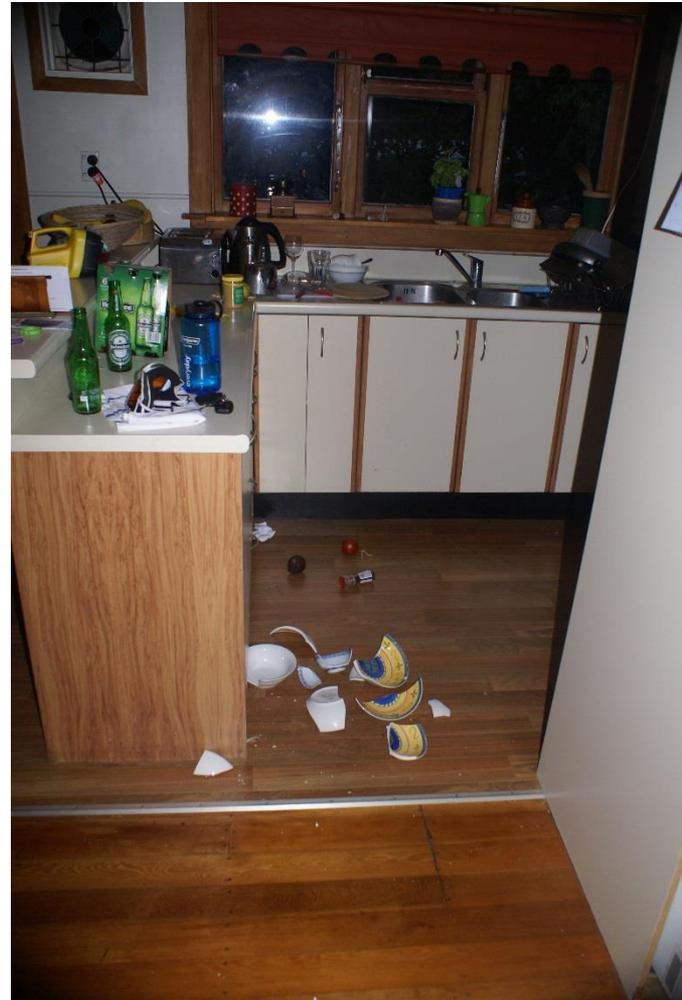


Life after the earthquakes

- No Water
- No Power
- No sewer



Life after the earthquakes



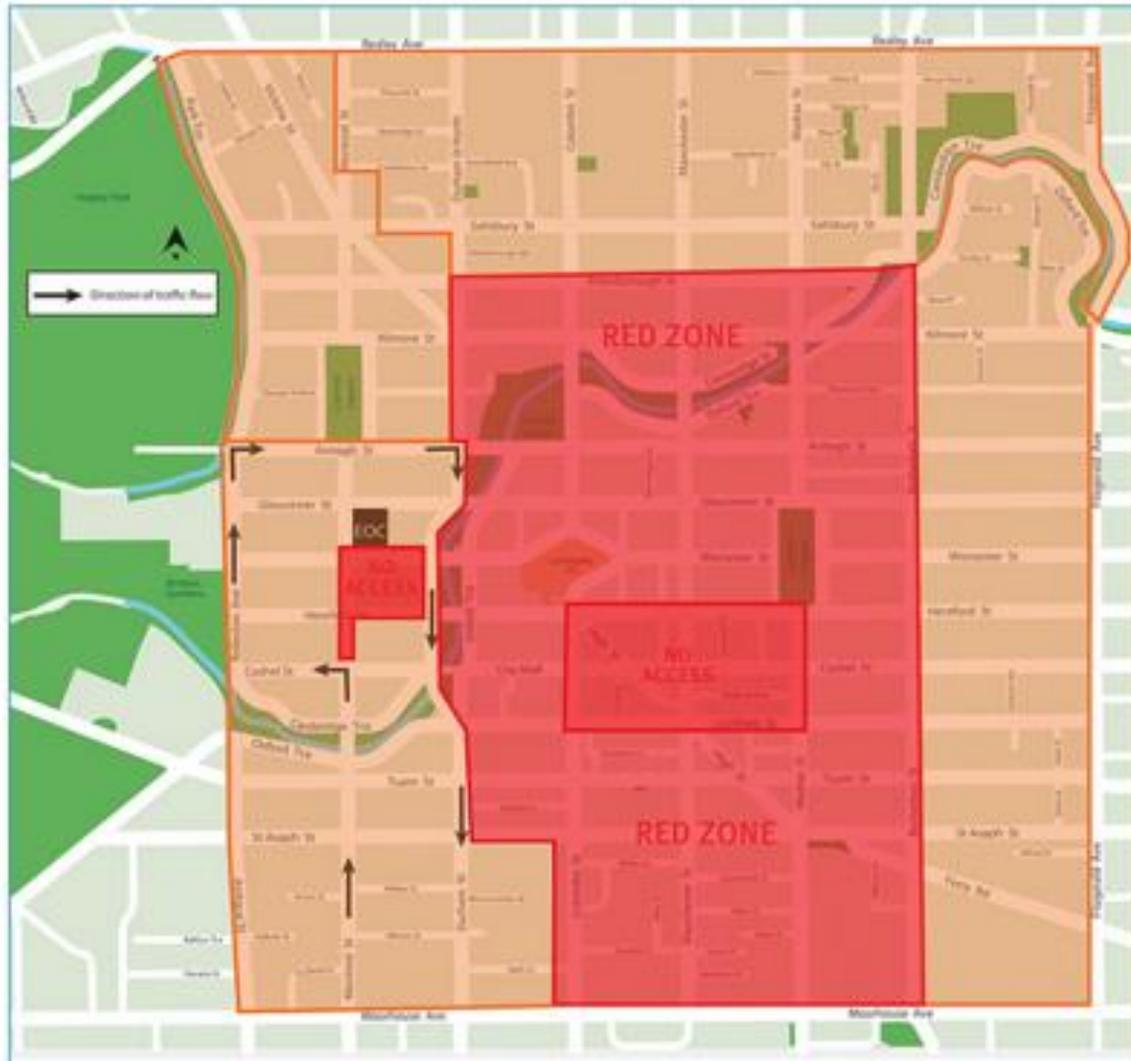
February 23 2011



Christchurch

EARTHQUAKE RESPONSE

Original Cordon



PGC Building Christchurch NZ



PGC Building Christchurch NZ



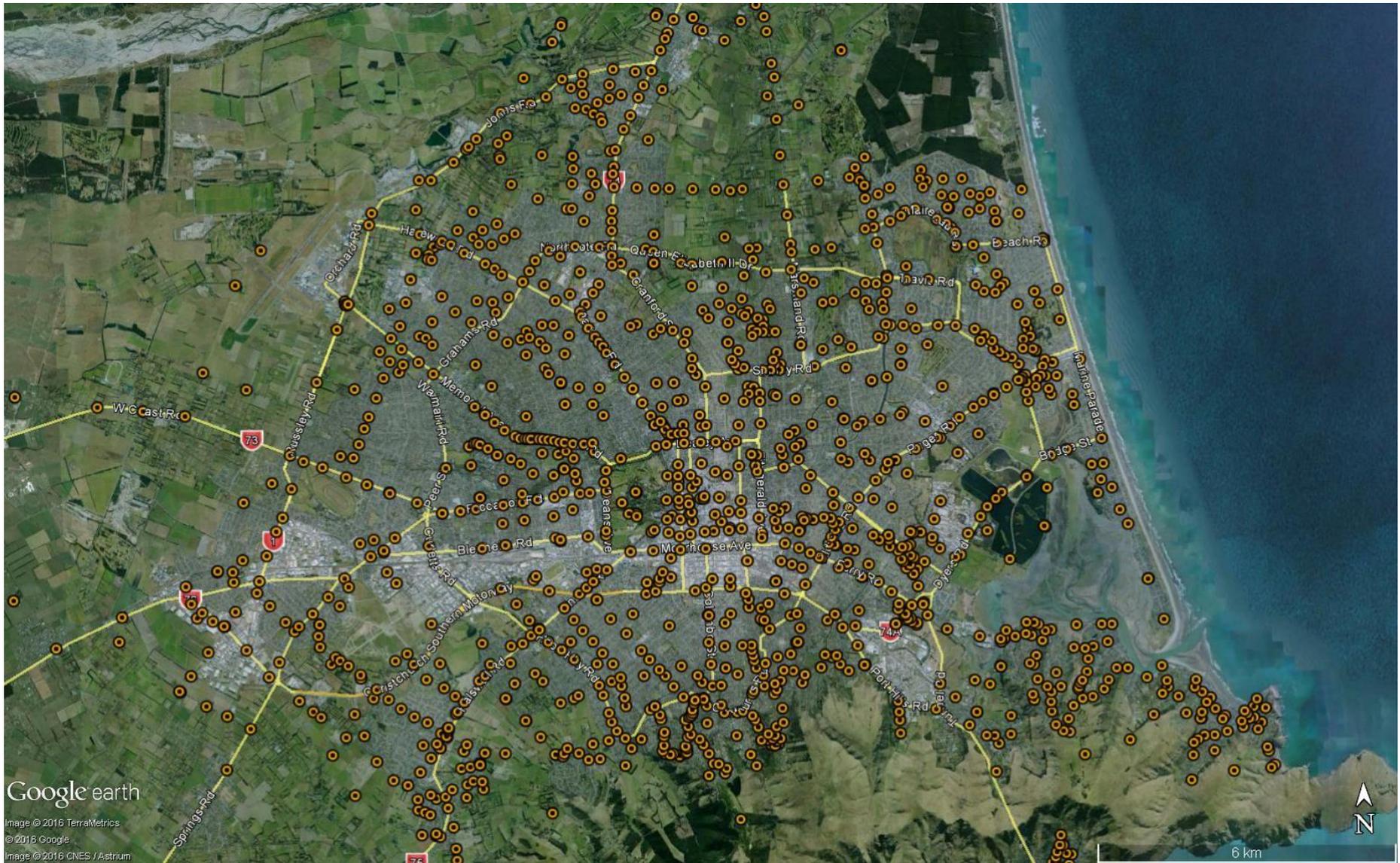
PGC Building Christchurch NZ



February 22nd 2011 – Christchurch NZ



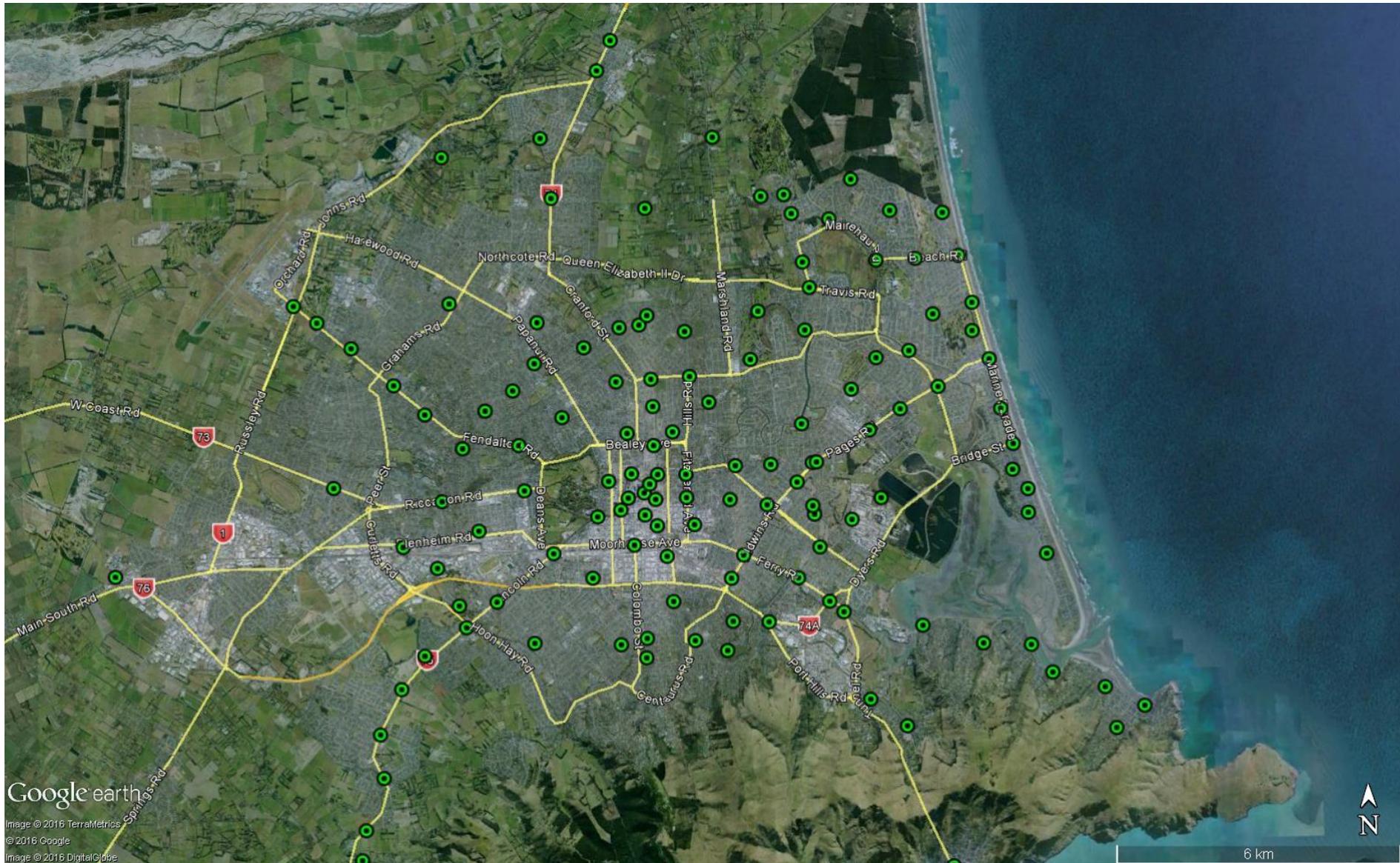
CCC Pre-Earthquake Benchmark Network



CCC Post Feb 2011 Benchmark Network



CCC Existing Benchmark Network



Christchurch – Deans Head



Clifton Hill – EQ Monitoring



Foundation Damage from Liquefaction Building Verticality Surveys



QUESTIONS?

