

Tsunami 2009-2019



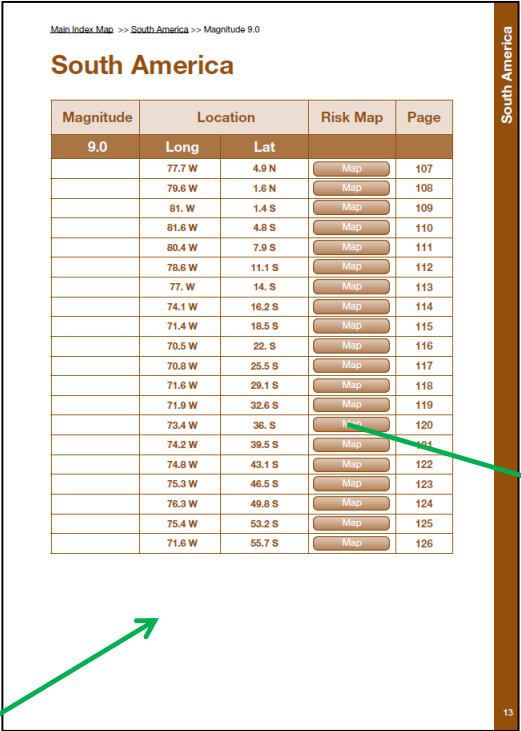
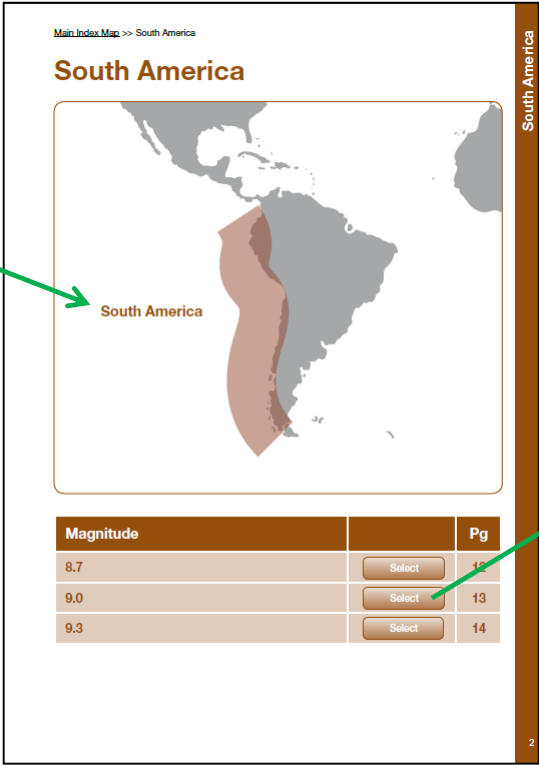
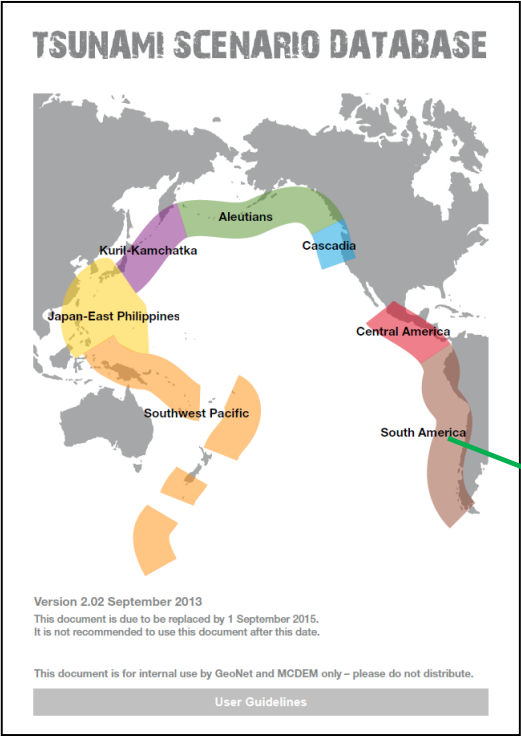
William Power *on behalf of many others...*
NHRP & RNC Forum, Te Papa Tongarewa
30 May 2019



2009

Tsunami

2019



Updated in 2013, 2017, 2019

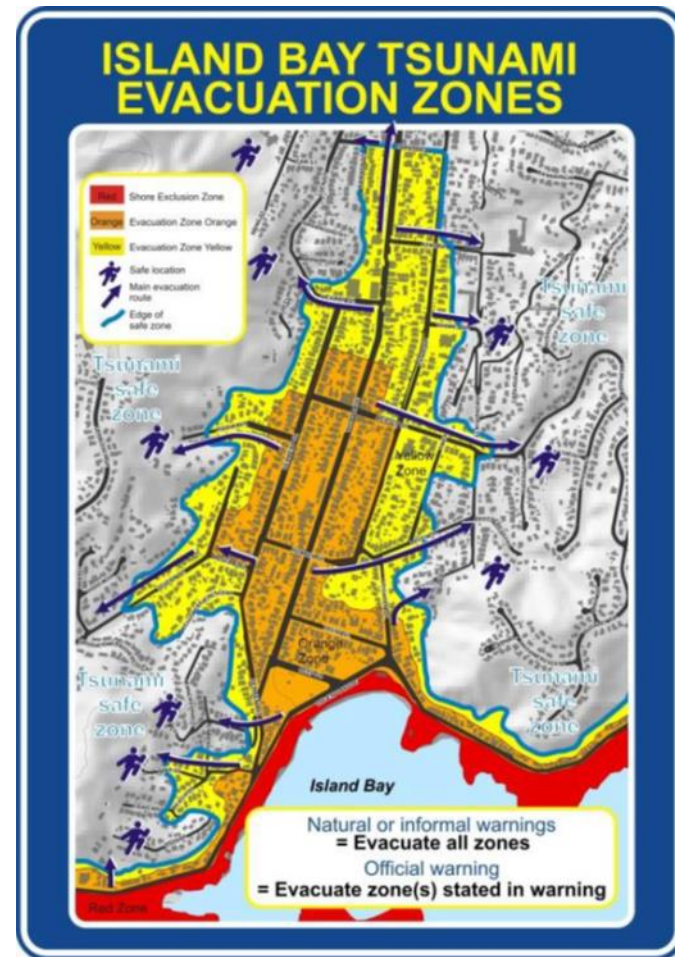
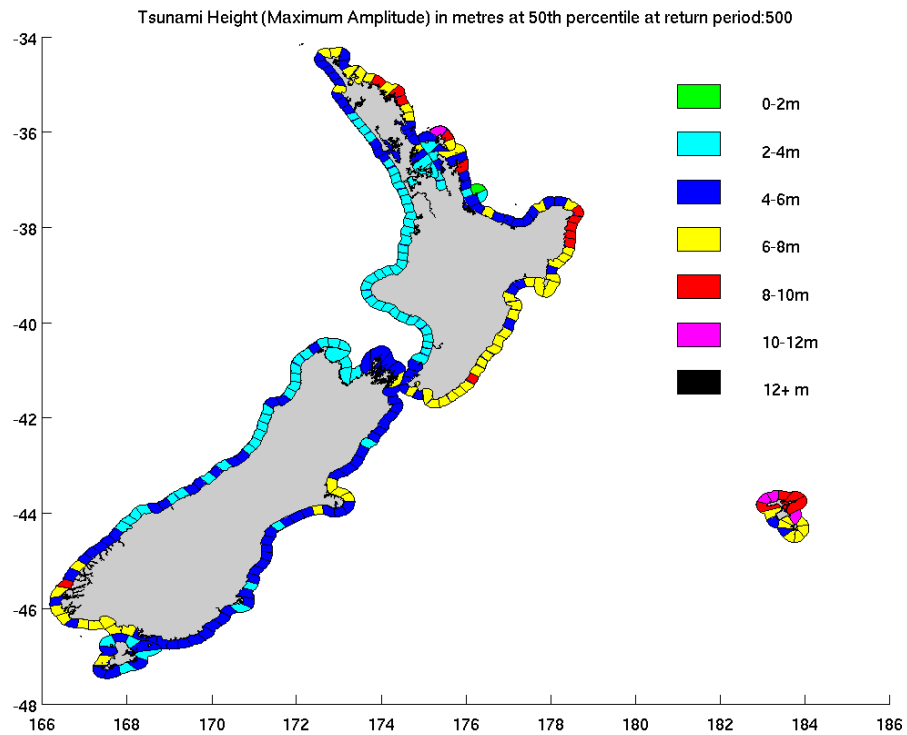
2009

2013

2019



National Tsunami Hazard Model



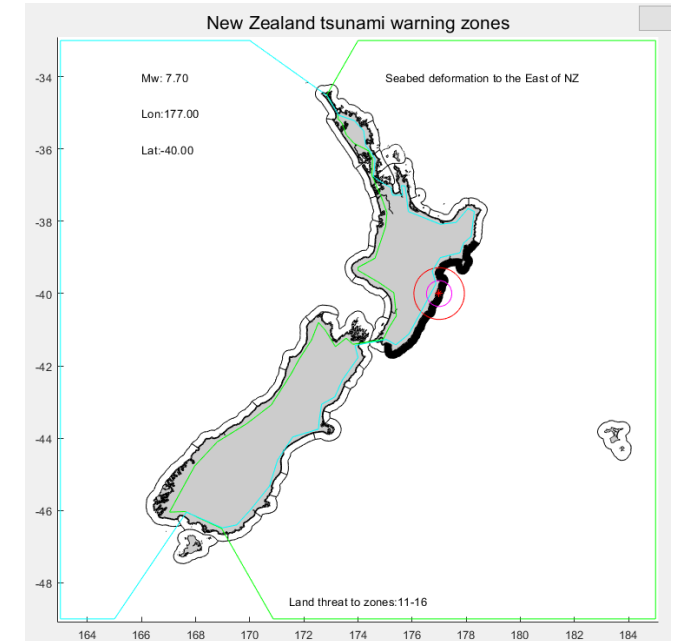
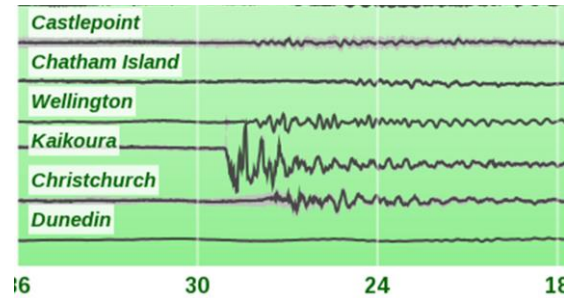
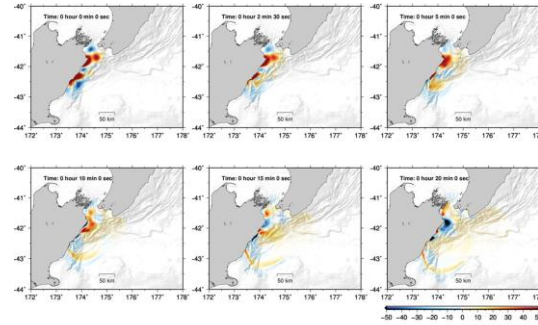
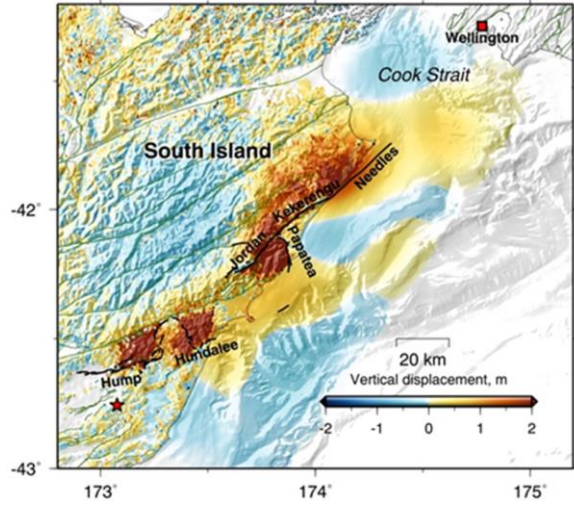
2009

2016

2019

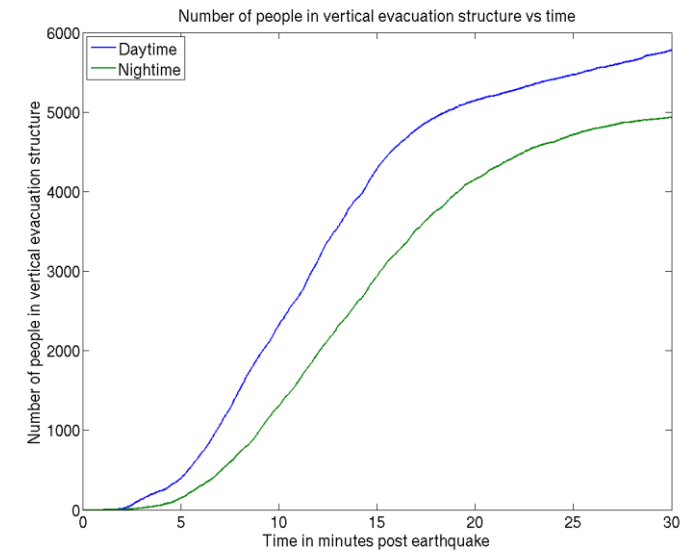
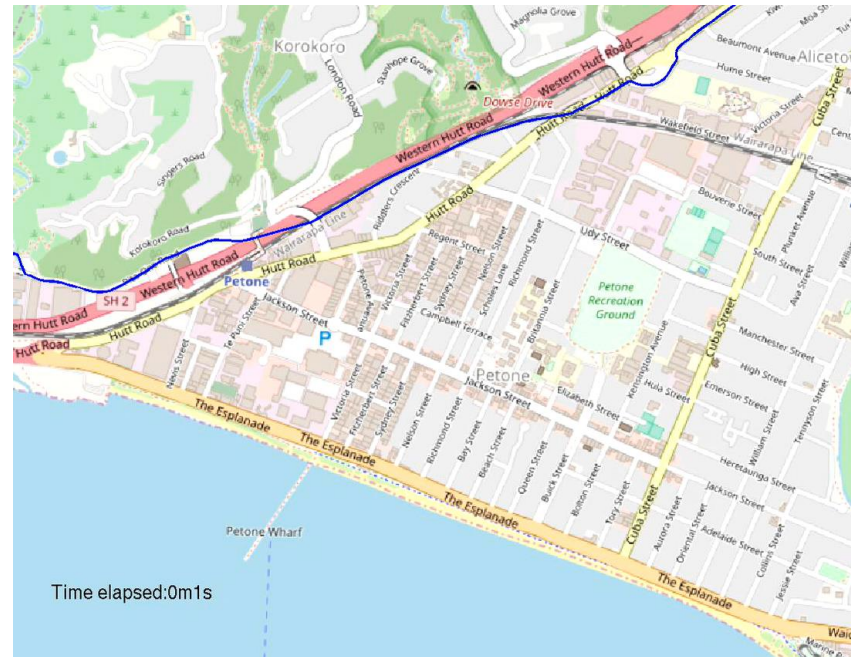
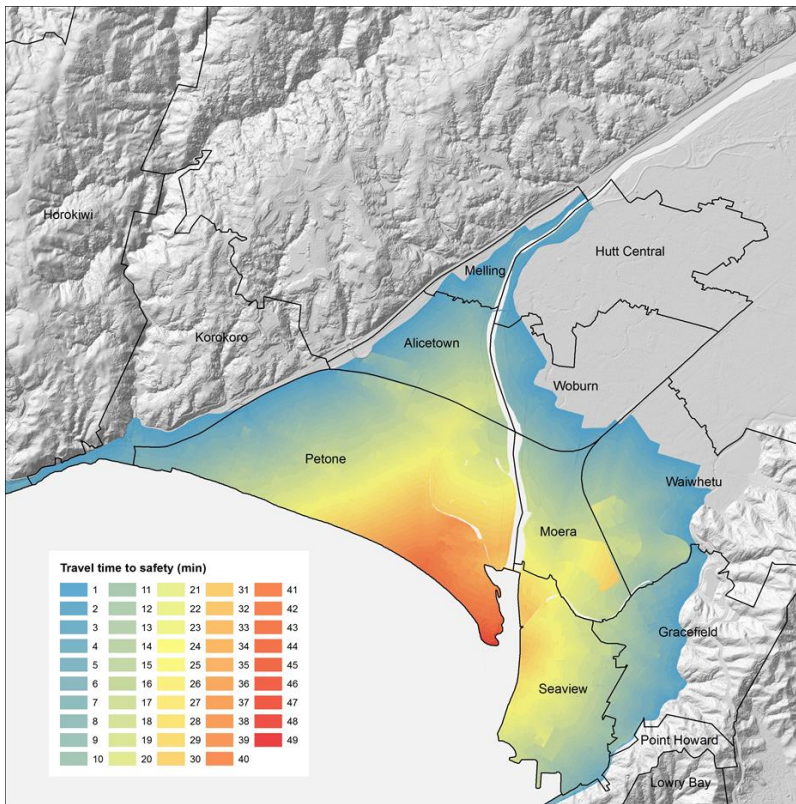


b) **Joint Inversion
(Tsunami + GPS + Coastal Uplift)
+
InSAR**



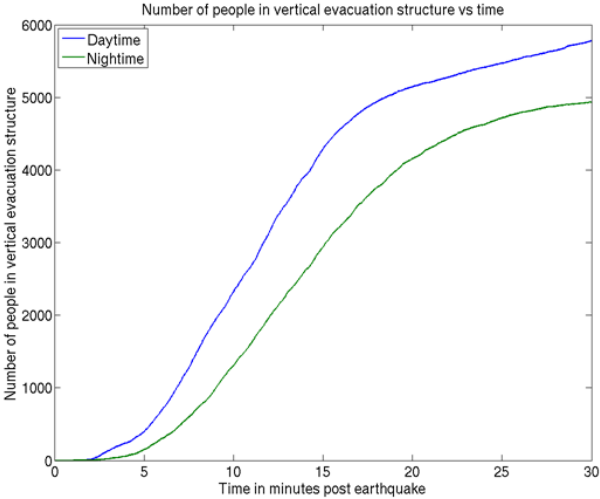
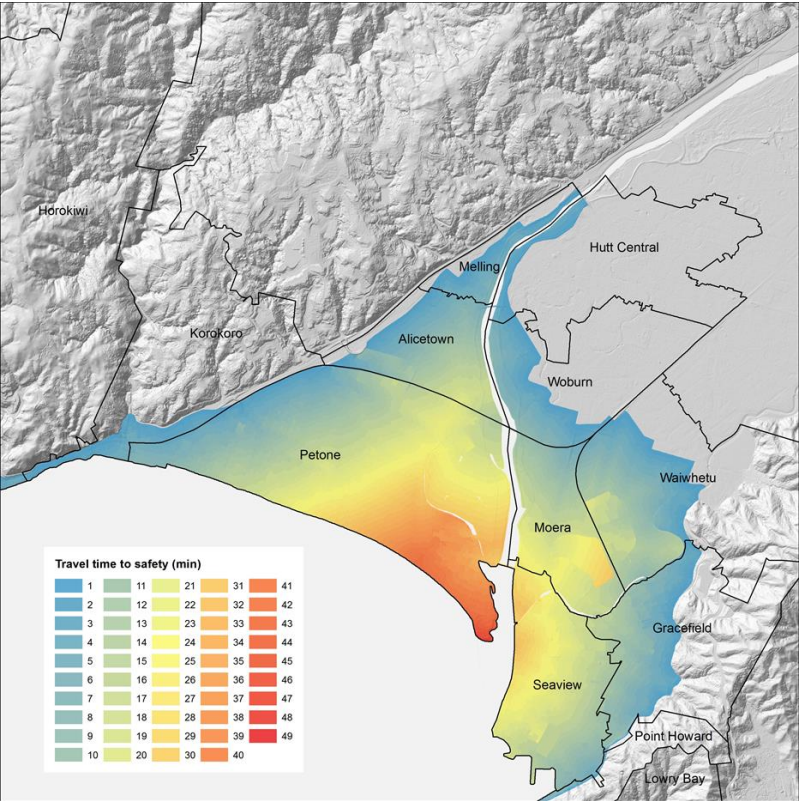
2009

2019



2009

2019



2009

2019

The Future



Nationally consistent tsunami inundation hazard maps for the whole of NZ?

Quicker and more accurate forecasts of local and regional tsunamis?

500 Year weighted median flow depth (m)

