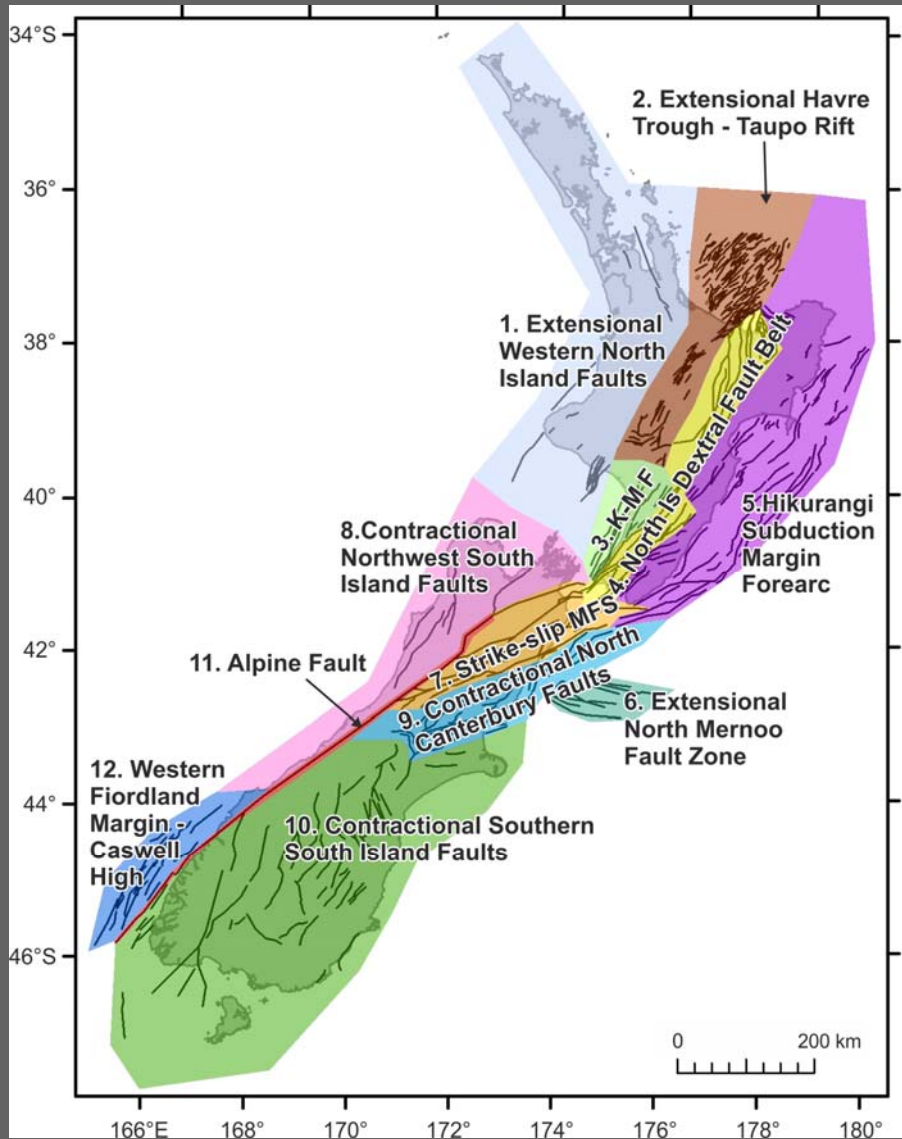


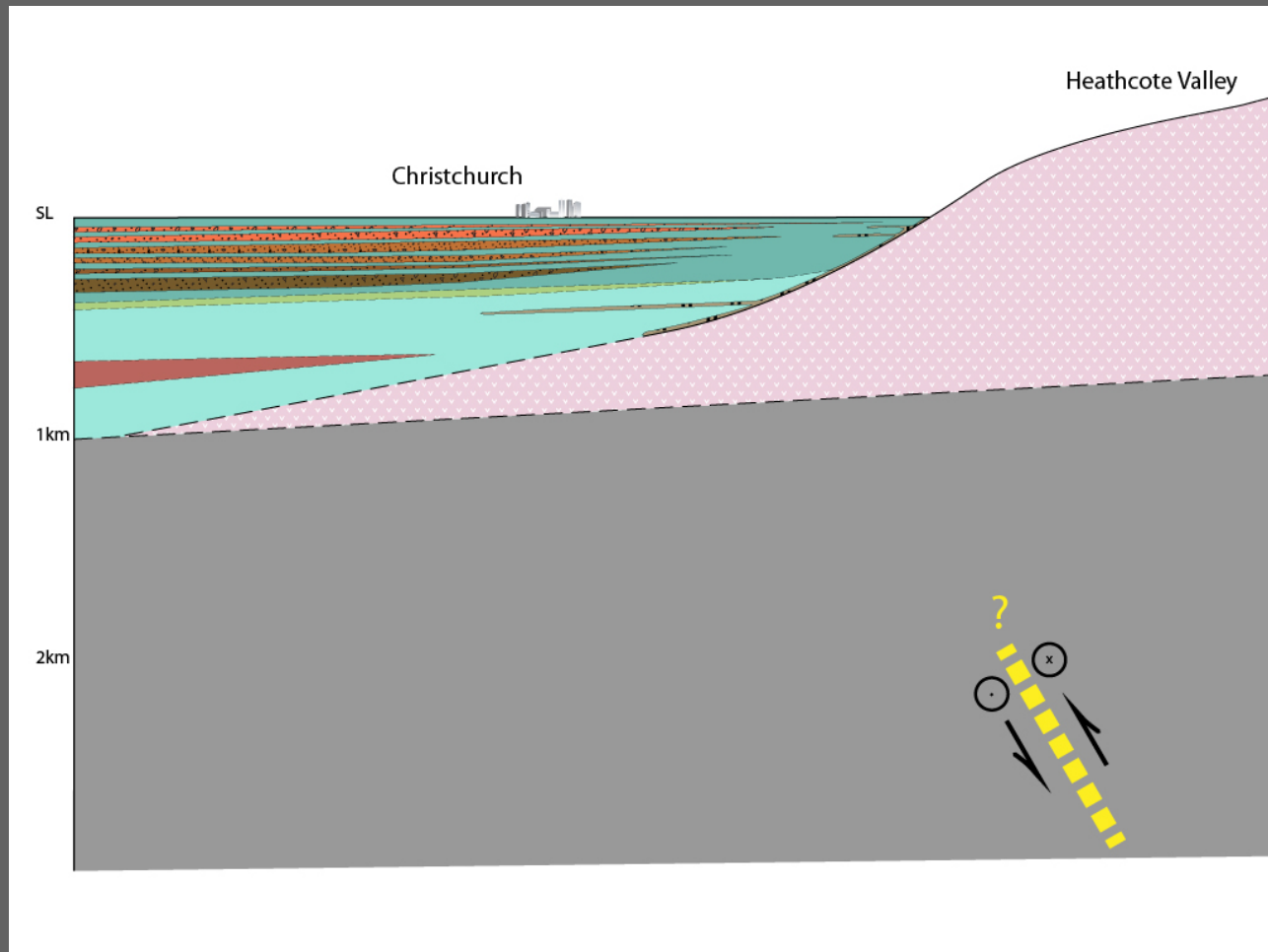
Enhanced Shaking (Stress Drop)



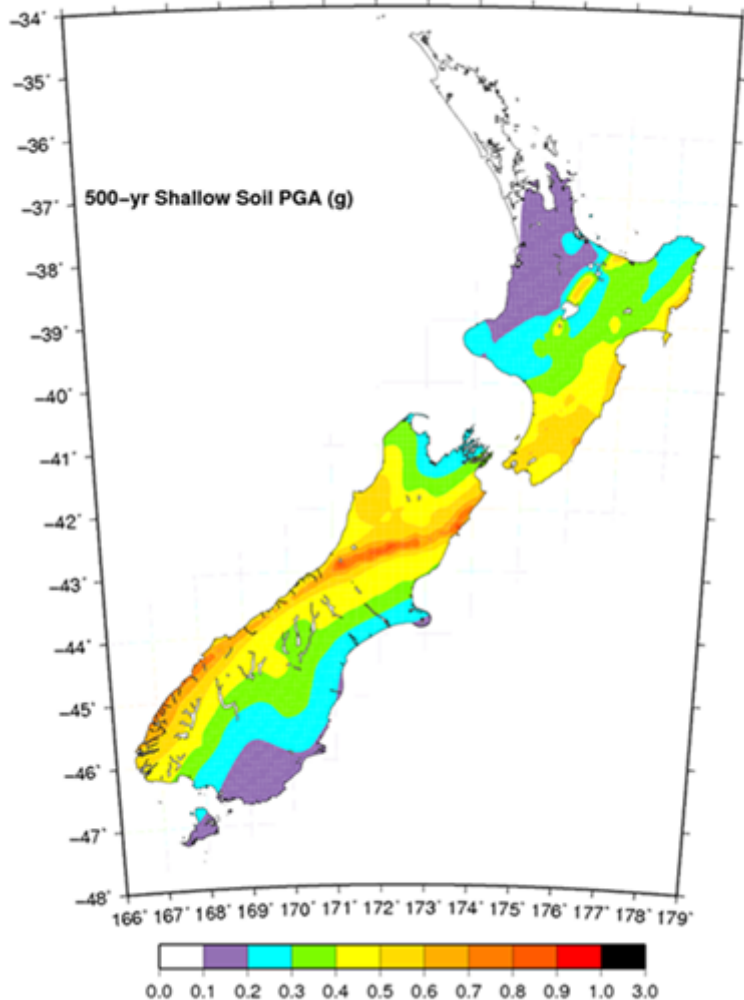
- Associated with low fault slip rates (several regions); or
- Thick strong crust (Canterbury).
- Allowance could be made for this in design standards.

Directivity and Basin Effects

Can be allowed for IF there is sufficient information



Conclusion Regarding 'Where Else in NZ'?



- Given limited resources we must use them as effectively as possible;
- To achieve this we prioritise according to the estimated risk;
- What earthquake is most likely and has most impact (aside from Christchurch)?

A moderate to large earthquake in a seismically active and populated part of NZ where there is unreinforced masonry and there are earthquake prone buildings.

Thank you !

Programme

1. ~~The Canterbury earthquake sequence~~
2. ~~Active faults and historical earthquakes in the Canterbury region~~
3. ~~Likely future rates of seismicity in Christchurch~~
4. ~~Implications for building design motions~~
5. ~~National implications and conclusions~~
6. Questions and panel discussion