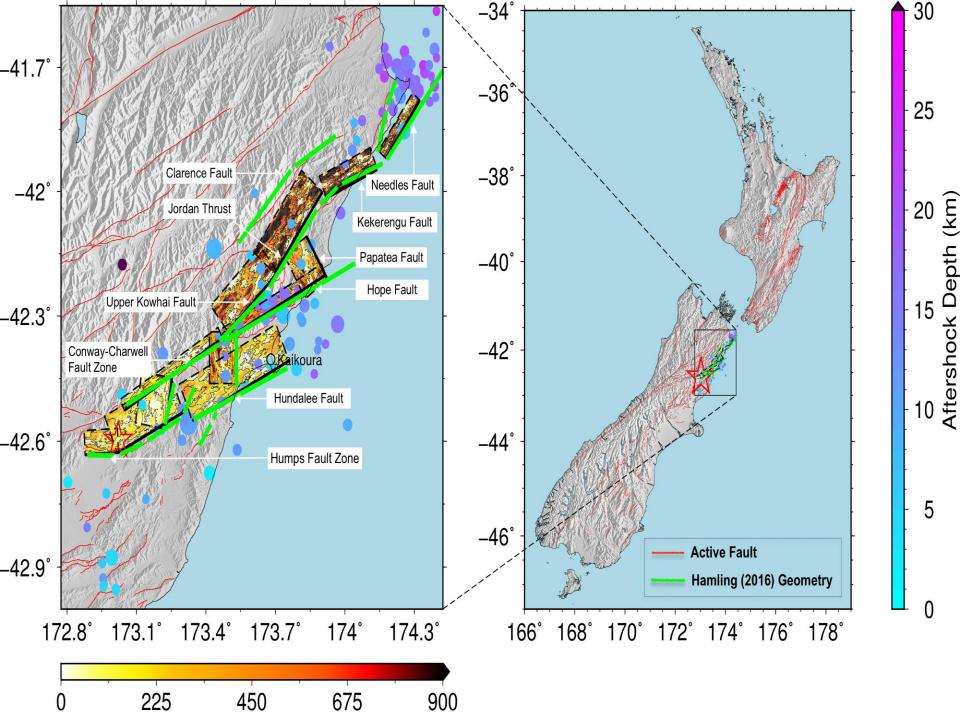


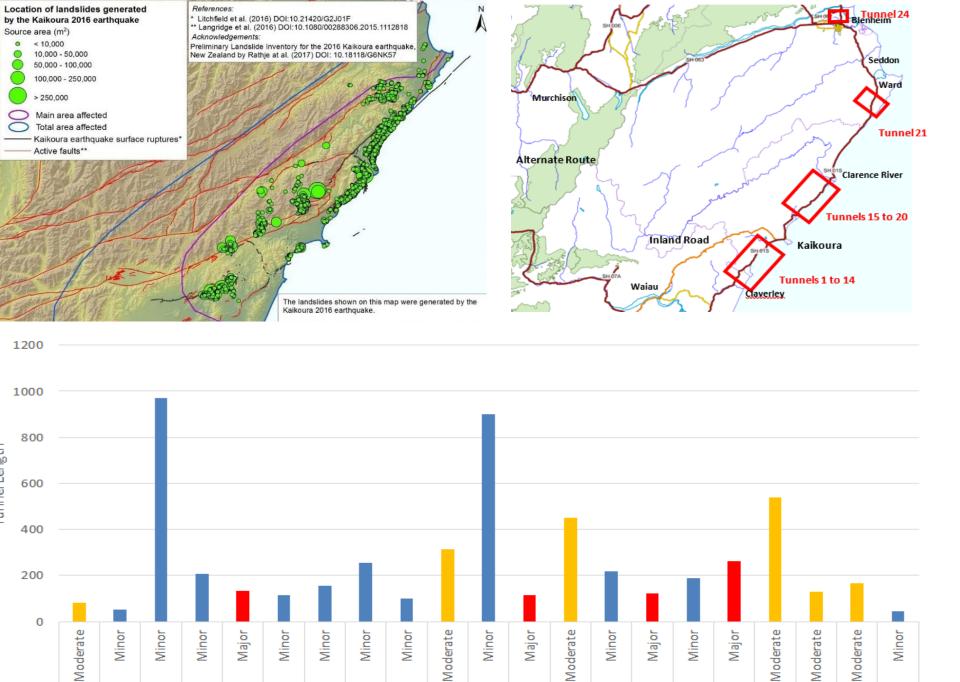


Rail Tunnel Rehabilitation Following the Kaikoura Earthquake New Zealand









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T19

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T21

T24









Moving mountains to reconnect communities

New Zealand Government



Main North Line Earth Quake Recovery

CRITICAL RISKS

Stay Clear of Slips (No Stopping or Standing nearby)

Do Not Go Under Bridges or inside Tunnels, Unless! There is a Specific Safety Plan in Place

Do Not Access Orange or Red Zones Alone

No Rail Vehicles to Cross Bridges or Enter Tunnels Until Cleared By Engineering Inspection

TRAFFIC MANAGEMENT

Do Not Use 'Closed Roads' Without NZTA Approval

COMMUNICATIONS

Green Zone – Radio or Cell Phone Coverage

Orange & Red Zones - No Radio or Cell Phone

Coverage: Satellite Phone & EPERB Orange & Red Zones

Conference Calls Daily at 0730 & 1600 Hrs

(Number TBC)

Call Manager to Report Any Significant After Shocks
Mandatory Call 03 3393807 When Moves Sites

PERSONAL PROTECTIVE EQUIPMENT

Mandatory PPE: Hard Hats & Safety Glasses

HOUSE KEEPING

Ensure Vehicles are Fuelled at the Beginning of Each Day

Emergency Kit (Back Pack) to be carried when working in Orange or Red Zones.

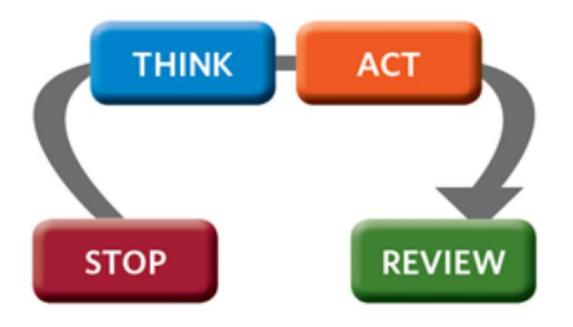
Charge Cell Phones and iPads overnight

Safety Zones

Green - Orange - Red Zone boundaries will be updated daily







300,000 hrs

1 LTI

2 MTI

0.004% time lost

'The health and safety record during the rebuild is a tribute to everyone involved' Worksafe New Zealand

TUNNEL TEAM







Gary Fox









