

Kaikoura Earthquake Transport Links Re-Building Forum

Tuesday 13 March 2018, 12:45 pm to 6pm

Pickering Room, Engineering New Zealand Offices
Level 3, 50 Customhouse Quay, Wellington 6011

The magnitude 7.8 Kaikoura earthquake struck just after midnight on 14 November 2016 causing widespread damage, disruption to local communities and severing key road and rail connections.

KiwiRail's Main North Railway Line was reopened for limited services in September and the reopening of State Highway 1 was achieved just before Christmas 2017. However work continues to improve the resilience of both the road and rail links.



Photo: North Canterbury Transport Infrastructure Recovery

The amount that has been achieved within a single year is staggering with more than 1300 people involved, more than 100 landslides and slips cleared, and repairs to hundreds of sites including bridges and tunnels.

Key drivers for this work have been: **reinstating the rail and road links** between Picton and Christchurch, and **reconnecting communities**.

An afternoon forum in Wellington on Tuesday 13 March 2018 will celebrate and showcase the human and technical requirements, challenges and achievements that enabled the rebuilding and

reopening of State Highway 1, and the Main North Railway Line, following the enormous damage caused by the Kaikoura Earthquake.

The forum is being hosted by the Engineering New Zealand Wellington Branch, together with the Engineering New Zealand Transportation Group Central Region and the Railway Technical Society of Australasia NZ Chapter.

An exceptional programme of speakers, with intimate involvement in the aftermath of the Kaikoura Earthquake and subsequent rebuild has been arranged.

Dame Fran Wilde, Acting Chair of NZTA and Chair of Wellington Lifelines Group, has kindly agreed to be Master of Ceremonies and key note presentations will be given by:

- Stuart Smith- MP for Kaikoura
- Dr Kelvin Berryman, General Manager - Natural Hazards Strategic Relationships, GNSS
- Tommy Parker, Transport System Design and Delivery Manager, NZTA,
- Todd Moyle, Group General Manager Network Services, KiwiRail

Other sessions with speakers from NZTA, KiwiRail, and the North Canterbury Transport Infrastructure Recovery Alliance (NCTIR) will cover:

- The challenges of building and running the successful NCTIR partnership.
- Stakeholder and environmental management, Mana Whenua and RMA issues and approaches.
- Design management, technical challenges, and assurance processes,
- Wider implications for New Zealand.

Registrations

Attendance will be limited to 70 persons so book now -[click here](#) to secure your place.

Pricing

Members of Engineering New Zealand; ENZ Transportation Group and the RTSA: \$60 plus GST
Non –Members: \$80 plus GST

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PROGRAMME

Time	Topic	Speaker (s)
12:30		Registrations and coffee
12:45	Welcome and Housekeeping	MC: Dame Fran Wilde Acting Chair of New Zealand Transportation Agency and Chair of Wellington Lifelines Group
1:00	Karakia	Tania Wati ,Ngai Tahu, Mahaanui Kurataiao Ltd Kaihautū
1:05	Welcome from Engineering New Zealand and the RTSA	Craig Price, President of Engineering New Zealand
1:15	Keynote Address- Reconnecting Communities	Stuart Smith, Member of Parliament for Kaikoura
1:30	7.8 magnitude Kaikoura Earthquake 14 November 2016-	Dr Kelvin Berryman, General Manager - Natural Hazards Strategic Relationships, GNSS
1:45	Building a Partnership that Works	Tommy Parker, Transport System Design and Delivery Manager, NZTA, Todd Moyle, Group General Manager Network Services, KiwiRail
2.10	Panel Discussion: The challenges of working together	Chair: Susan Freeman-Greene, CEO of Engineering New Zealand Panel of Senior Managers from North Canterbury Transport Infrastructure Recovery Alliance (NCTIR): Brian Kirtlan, Operations Manager and incoming NCTIR Project Director, Tim Crow, Earthquake Recovery Manager, NZTA Walter Rushbrook, Earthquake Recovery Project Director, KiwiRail
2.40	Tea/ Coffee break	

Time	Topic	Speaker (s)
3:00	Planning and Relationships	Stakeholder and Environmental Management, Mana Whenua, Archaeology & RMA issues and approaches: Manea Sweeney, Environmental Manager, NCTIR, Jane Small, formerly Managing Counsel at NZTA, Tania Wati, Ngai Tahu
3:30	Technical Challenges- what had to be done and how it was achieved	Design and construction Management and Integration - striking the right balance between: <ul style="list-style-type: none"> - The extent and dimensions of the damage to be repaired, - Concurrent design and construction at multiple locations, - Providing constructible but resilient solutions NCTIR presenters: Daniel Headifen, KiwiRail Asset Owner Representative, Richard Justice, Geotechnical Principal, Steve Proctor, Structures Design Group Technical Leader
4:30	Assurance for reopening of road and rail corridors and ongoing operations	Joint road and rail Network Operating Plan: Phil McQueen, Risk and Assurance Manager, KiwiRail, Richard Topham, Senior Network Manager, NZTA
4.50	Break	
5:00	Interactive audience Q & A session: Wider Implications for New Zealand	Facilitator: Dave Brash, formerly National Recovery Manager at the Ministry of Civil Defence & Emergency Management
5:50	Closing Remarks	Simon Wood, Forum Chair
5.55	Karakia	Tania Wati, Ngai Tahu
6:00	Networking refreshments	