

NATIONAL LIFELINE UTILITIES FORUM 2023

Rebuilding a more resilient Aotearoa (?)

Thursday 26th October, Friday 27th October
Te Papa Museum, Wellington

Day 1: Thursday 26th October 2023

8.15am – 9.00am: Registration, Tea & Coffee

9.00am – 9.15am: Welcome and Forum Opening

Mihi Whakatau, Te Papa iwi team. **Forum Opening**, Roger Fairclough, NZ Lifelines Council Chair.

9.15am – 11.00am: Changes are Afoot: Infrastructure and Natural Hazards Resilience

Keynote: Dave Gawn, Chief Executive, National Emergency Management Agency

Emergency management of the future: Shaped by changing technologies, climate and geopolitics.

Enhancing the resilience of New Zealand's critical infrastructure system – outcomes of Phase 1 of the Government's consultation on regulatory reform.

Ryan Walsh and Emma Bickerstaffe, Critical Infrastructure Reforms unit, Department of Prime Minister and Cabinet.

Emergency Management Bill and other Reforms – aligning and connecting government initiatives.

Ajay Makhija, Lead Infrastructure Resilience, National Emergency Management Agency.

It's what we do next that's important - meeting our opportunity to define the future of Aotearoa's natural hazard risk management system.

Sarah-Jayne McCurrach, Head of Risk Reduction and Resilience, Toka Tū Ake-EQC

A National Critical Infrastructure Vulnerability Assessment – Key findings and recommendations.

Lisa Roberts, NZ Lifelines Council

11.00am – 11.30am: Morning Tea

11.30am – 12.45pm: Lifeline Utilities to Critical Infrastructure – embracing new sectors

Keynote: Ross Copland, Chief Executive, Te Waihanga – Infrastructure Commission.

Progress not Perfection: A case for action

Infrastructure to protect infrastructure- critical flood protection infrastructure making Aotearoa more resilient.

Graeme Campbell, Greater Wellington Regional Council and River Managers Group.

How resilient is our national data infrastructure?

Dean Addie and David Simpson, T4

Solid waste services are critical in an emergency. Post-Gabrielle insights into waste management and interdependencies in emergencies.

Angela Atkins, Hastings District Council

Panel Discussion: Critical Infrastructure Vulnerability
Ross Copland, Roger Fairclough and other tbc

12.45pm – 1.30pm: Lunch

1.30pm – 3.00pm: Our Critical Customers

Keynote: Sarah Stuart-Black, Secretary General, New Zealand Red Cross

Urgency, Complexity and scale: the challenge of supporting communities in emergencies

Connecting up Critical Buildings and Infrastructure: Hospitals as a Case Study.	Cliff Henderson and Dave Brunson, Te Whatu Ora
Corrections as a critical utility customer , plus a case study from Hawkes Bay Regional Prison during Cyclone Gabrielle	George Massingham and Steve Manson, Department of Corrections.
Community experiences in infrastructure failures and responses from the Northland Lifelines Group.	Mark Trüdinger, Recovery Manager, Northland Emergency Management Group
Being prepared for Foot and Mouth Disease , to support farmers and consumers across New Zealand	Jacqueline Neave, Ministry for Primary Industries.

3.00 – 3.30pm: Afternoon Tea

3.30 – 5.00pm: Resilience through Collaboration and Information Sharing

Keynote: Simon Kingham, Chief Science Advisor Ministry of Transport

Developing a resilient transport system while making the world a better place

Learning from Cyclone Gabrielle and beyond – research sector collaboration to build our collective knowledge	Liam Wotherspoon, Professor, Dept of Civil and Environmental Engineering, University of Auckland.
Rainfall induced landslide forecasting, rapid assessment and hindcasting.	Chris Massey, Principal Scientist Surface Geosciences, GNS Science - Te Pū Ao.
Building resilience through lifelines groups.	Regional Lifelines Group Chairs – Quick fire updates.

Panel Discussion: The resilience frontier – Positioning for success through regional lifelines groups. Lifelines Group leaders and participants.

5.15pm – 5.30pm: Wrap Up

5.30pm – 7.00pm: GNS SOCIAL EVENT

Day 2: Friday 27th October

8.00am – 8.30am: Registration, Tea & Coffee

8.30am – 10.15am: Another Year of Responses – What have we learned this time?

Keynote: Paul Brislen, Chief Executive, Telecommunications Forum

Learning from Emergency Responses: What does resilience look like for the telco sector?

A Lifeline Utility Coordinator's experience in Cyclone Gabrielle	Noel Evans WSP, Hawkes Bay Lifeline Utility Coordinator
Landslide Response in Auckland: open data and other challenges	Ross Roberts, Resilience Head of Engineering at Auckland Council
Lessons of Luck and Planning at Three Transport hubs	Steve Riden, Chief Executive, NZ Airports
Hawkes Bay event and response	Mario Feraru, Transpower

Panel Discussion: Session Speakers above.

Why do we keep 'learning' the same things? Are we get better in readiness and response?

10.15am – 10.45am: Morning Tea

10.45am – 12.30pm: Building Back Better?

Keynote: Walter Rushbrook, General Manager Inter-Islander, KiwiRail.

Creating Resilient Transport Connections

Evidence-Driven Resilience: Empowering Pre and Post Disaster Decision Making. Sam Ketley and James Knight, Aon

The challenges in delivering resilience investments Julian Morton, Transpower

Resilient infrastructure; fences on top, not ambulances at the bottom. Mike Joy, Victoria University

Lightning talk round

12.30pm – 1.00pm: Lunch

1.00 – 2.45pm: Rebuilding Resilient Infrastructure through Recovery

Keynote: Nicole Rosie, Chief Executive, Waka Kotahi.

Leading a National Highways Recovery Programme

Building resilience into our network with real life response examples from Gabrielle and other weather events Adam Bentley, Chorus

Reimagining the rebuild: increasing value realisation through using national assets to manage risks in differing geographies Alex Cartwright, T+T

Adapting to climate change through recovery. Karen Lavin, Climate Change Commission

Panel Discussion: Coordinating Lifelines through Recovery with Cyclone Gabrielle Recovery leaders:
Julian Rewiti (Bay of Plenty), Mark Trudinger (Northland), Rebecca Halbert (Tairāwhiti).

2.45 – 3.00pm: Concluding Comments

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AND THANK YOU TO ALL OUR NEW ZEALAND LIFELINES COUNCIL MEMBERS



Pre-Forum Events, Wed 25th October, 2023

Expressions of Interest are invited for the Tour but will be subject to confirmation once numbers and logistics are determined.

CentrePort (Expected duration up to 2.5 hours)

CentrePort will host a tour of port facilities including a briefing on current and planned activities. Topics will cover; navigating a large insurance claim for infrastructure, large-scale master-planning, recovery work and the Inter-Island Terminal.

“Creating Resilience - We’re working to create a port for the region that’s more efficient, more resilient, and better able to meet and adapt to future challenges.

The 2016 Kaikōura earthquake was a catalyst for CentrePort’s regeneration. But today, it’s about much more than rebuilding our infrastructure — it’s grown into a new ethos for the company where we are investing more in the health and wellbeing of our people, working more closely with our customers, being more environmentally sustainable and better connecting with the wider community.”

THE SEAVIEW ENERGY
RESILIENCE PROJECT

**The Seaview Energy
Resilience Project: Protecting a
critical asset**



‘EMERGING LIFELINERS’

Submit your proposal for the emerging professionals’ lightning talk session.

Selected presenters will receive a refund on their registration.

An opportunity for students or early-career people working in infrastructure resilience or related research to speak at this important Forum and receive complementary registration.

Aim: To connect emerging professionals with established practitioners.

Objectives:

- Inform government and industry practitioners of emerging research and professionals’ work.
- Provide an opportunity for practitioners working in the field of disaster risk reduction to get to know and develop a relationship with emerging talent.

Format: 5-minute presentations.

- Maximum 5-minute talk.
- The session will last for no longer than 30 minutes, with an aim of 5 presentations.

Suggested elevator pitch presentation content:

- Your background (where and what degree did you study for your undergraduate degree/where and what degree are you studying for now/where and what are you working on now?)
- Your broad Lifelines interests/How did you become interested in Lifelines?
- Your current research/work topic (Think about how this will be useful to the attendees and will be usable in practice).
- Highlights from your studies. E.g. big conferences, successful experiments, press interest in your research.
- Future career aspirations. What would you like to do next? What are your career interests?

Submission criteria and benefits:

- Presenters are to be current students or early career (up to three years post-studies).
- Video of draft presentation to be submitted by 22nd September, 2023.
- Free conference registration, if accepted to present.

Register at

<https://www.eventbrite.com/e/national-lifeline-utilities-forum-tickets-652533684817>

Contact lisa@infradecisions.co.nz if you have any questions about the Forum.