

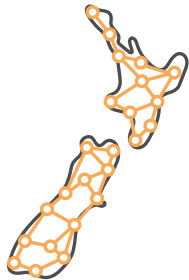


Inter-disciplinary Programme 3

# A Resilient Aotearoa New Zealand Transport System



Te Hiranga Rū | QuakeCoRE  
Aotearoa New Zealand Centre for Earthquake Resilience



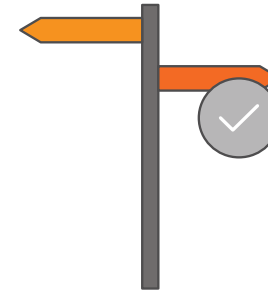
Transport system modelling



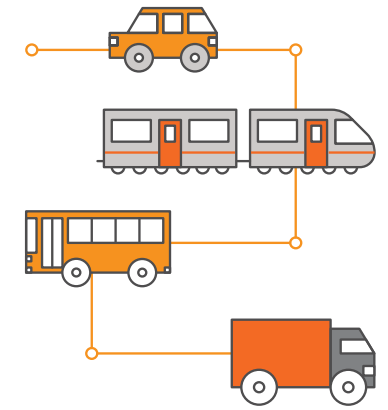
User expectations of transport networks



Post-event adaptation options



**Policy and investment decisions under uncertainty**



**Resilient and reliable movement of goods and people**

Integrating understanding of the transport system's components, networks, and users to better inform policies and investments that promote resilience to natural hazards.

The lack of redundancy in Aotearoa New Zealand's transport system highlights the need to increase efficient interaction between different components, routes and modes of transport.

Building resilience into transport networks must consider daily needs for communities and businesses, but also the vital need for transportation in responding to natural hazard events.

## Research Areas

- Transport-as-a-service system modelling
- Resilient logistics networks and post-event response and recovery
- Resilience investment decision-making under uncertainty

## Programme Area Leaders:

Liam Wotherspoon  
Charlotte Brown