

Built Environment: Horizontal Infrastructure

Monthly Meeting

12/7/2021

Summary

- Introductions
- Presentation: “Planning Minimum Levels of Service” – Richard Mowll
- Presentation: “Simulation of post volcanic eruption land use and economic recovery pathways over a period of 20 years in the Auckland region of New Zealand - methodology and future opportunities to integrate with others' research” – Rob Cardwell
- Highlights and Discussion
- Other items

Papers & Highlights

- Send through recently published papers
- Highlight at end of monthly meetings

Infrastructure Research Day

- 30 June – University of Auckland
- Researchers and practitioners
 - Ongoing activities
 - Industry-research collaborative opportunities
- <https://wiki.canterbury.ac.nz/display/QuakeCore/Infrastructure+Research+Day+2021>

Presentations

- [Workshop overview](#) - Roger Fairclough (Neoleaf)
- [Engaging with research](#) - Liam Wotherspoon (University of Auckland)
- [Research sector and lifelines groups: opportunities for stronger engagement](#) - Lisa Roberts (NZ Lifelines Council)
- [Auckland Risk and Resilience Projects](#) - Ross Roberts (Auckland Council)
- [3 Waters pressure and how innovation can help](#) - Noel Roberts (Water NZ)
- [Canterbury Lifelines Group Update](#) - Mark Gordon (Canterbury Lifelines)
- [EQC Resilience Strategy](#) - Ali Davies (EQC)
- [Creating resilient rural value chains in the 'Top of the South'](#) - Jo Fountain (Lincoln University)
- [Building Innovation Partnership](#) - Theuns Henning (University of Auckland)
- [Resilience to Nature's Challenges National Science Challenge](#) - Richard Smith (RNC)
- [QuakeCoRE2 Infrastructure Research](#) - Liam Wotherspoon (University of Auckland)
- [Reducing flood inundation hazard and risk & Coastal Flooding and Infrastructure Disruption](#) - Ryan Paulik (NIWA)
- [Aotearoa dam and stopbank resilience](#) - Kaley Crawford-Flett (University of Canterbury)
- [Infrastructure resilience and marae adaptations](#) - Tumanako Fa'aui (University of Auckland)
- [Transport Resilience Research](#) - Seosamh Costello (University of Auckland)
- [Integration of geospatial and focussed liquefaction tools](#) - Rolando Orense (University of Auckland)
- [Coastal and Tsunami Research](#) - Colin Whittaker (University of Auckland)
- [Freight and logistics following hazard events](#) - Cecile L'Hermitte (University of Waikato)
- [Urban risk and resilience](#) - Tom Logan (University of Canterbury)
- [Stormwater research](#) - Asaad Shamseldin (University of Auckland)
- [Interdependant infrastructure projects](#) - Conrad Zorn (University of Auckland)

You're invited to the:

Climate Change Group - Tools for Estimating Carbon



Climate Change Group
WATER NEW ZEALAND

Join [Nick Dempsey](#) and [Sven Exeter](#) as they discuss the following in the fourth Climate Change webinar series

- Techniques for calculation of greenhouse gases
- Sources of capital, operational, lifecycle carbon in water infrastructure
- Baseline approach and carbon management
- Greenhouse gas assessment tool options

22 Jul 21
12:00 PM - 1:00 PM

Webinar

[Save to Calendar](#)

Register

QC Annual Meeting

- 30 August - 2 September 2021
- Nelson
- <http://www.quakecore.nz/annualmeeting/>

Climate Change Symposium
30 September 2021
Auckland | Wellington | Christchurch | Online

The New Zealand Geotechnical Society in partnership with Engineering New Zealand, The Sustainability Society and MBIE will host a symposium to discuss the role of geotechnical engineers in climate change.

- Abstract submission open

NATIONAL LIFELINE UTILITIES FORUM 2021



Wednesday 3rd November
Thursday 4th November
Queenstown
Memorial Hall, 1 Memorial Street

Registrations are required by the 15th October 2021, registration link:
<https://www.eventbrite.com/e/national-lifeline-utilities-forum-tickets-157416317443?ref=estw>



QuakeCoRE
NZ Centre for Earthquake Resilience
Te Hiranga Rū



National
SCIENCE
Challenges

RESILIENCE
TO NATURE'S
CHALLENGES

Kia manawaroa
– Ngā Ākina o
Te Ao Tūroa

NeSI eResearch Conference

- 9-11 Feb 2022
- University of Canterbury and online
- <https://www.eresearchnz2022.org.nz/>

Other Items

- Slack Channel
 - To join:
 - <http://bit.ly/rnc-infrastructure>

Any Other Items?

- Wiki:

<https://wiki.canterbury.ac.nz/display/QuakeCore/Special+Project+1%3A+Spatially-distributed+Infrastructure>