

2021 Monthly Webconferences: Distributed Infrastructure

Objective: To coordinate and obtain feedback on the plans of the Distributed Infrastructure research programme.

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8 November 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "[Risk Assessment of road networks in Central Chile](#) " Eduardo Allen Binet
- Presentation: "[An assessment of subduction zone generated tsunami hazards at New Zealand Ports](#)" Liam Wotherspoon
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Eduardo Allen, Alec Wild, Amandine Bosserelle, Angela Doherty, Annisa Hasanah, Asaad Shamseldin, Cecile L' Hermitte, Charlotte Brown, Conrad Zorn, Craig Campbell-Smart, Grant Wilson, Hugh Mace, Jessica Mandi, Kaley Crawford-Flett, Lakshita Lakshita, Lindsay Robertson, Malcolm Johnstone, Matthew Hughes, Max Stephens, Maxim Millen, Minh Kieu, Nadia Trent, Nico Pondard, Nik Vorster, Nirmal Nair, Pathmanathan Brabhabharan, Prakash Ranjitkar, Richard Mowll, Roger Fairclough, Rolando Orense, Rosie, Sarah Gauden-Ing, Seosamh Costello, Snehalata Thakur, Theuns Henning, Thomas Wallace, Tim Sullivan, Tumanako Fa'aui

Apologies: Colin Whittaker

11 October 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "[Transportation Resilience Research in Aotearoa NZ](#)" - Liam Wotherspoon and Tom Wilson
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Mohammad Aghababaei, Ross Roberts, Asaad Shamseldin, Malcolm Johnstone, Minh Kieu, Alec Wild, Alistair Davies, Andrew Laphorn, Charlotte Brown, Cecile L'Hermitte, Colin Whittaker, Conrad Zorn, Emma Singh, James Hughes, Jo Fountain, Hugh Mace, James Williams, Kilisimasi Latu, Kaley Crawford-Flett, Lakshita Lakshita, Lindsay Robertson, Matthew Hughes, Nicolas Pondard, Nirmal Nair, Prakash Ranjitkar, Roger Fairclough, Rolando Orense, Ryan Paulik, Tom Robinson, Tumanako Fa'aui, Roselle Thoreau, Theuns Henning, Noel Kortright, Noel Roberts, Rebekah McLennand, Rob Bell, Thomas Wallace, Tom Wilson, Tom Logan, SR Uma

Apologies: Colin Whittaker, Seosamh Costello

13 September 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "[Measures to evaluate post-disaster trip resilience on road networks](#)" - Mohammad Aghababaei
- Presentation: "Landslide and liquefaction impacts across New Zealand State Highways" - Amelia Lin
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Mohammad Aghababaei, Ross Roberts, Asaad Shamseldin, Malcolm Johnstone, Minh Kieu, Alec Wild, Alistair Davies, Amandine Bosserelle, Amelia Lin, Carol Stewart, Caroline Orchiston, Cecile L'Hermitte, Colin Whittaker, Conrad Zorn, Hugh Mace, James Williams, Kilisimasi Latu, Lakshita Lakshita, Mark Bebbington, Nadia Trent, Nicolas Pondard, Nirmal Nair, Prakash Ranjitkar, Richard Mowll, Roger Fairclough, Rolando Orense, Ryan Paulik, Seosamh Costello, Tom Robinson, Tumanako Fa'aui, Nik Vorster, Roselle Thoreau, Brendon Bradley, Theuns Henning, Grant, Annisa Hasanah, Noel Roberts

Apologies: Colin Whittaker, Tumanako Fa'aui

9 August 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All) [Meeting Slides](#)
- Presentation: "[Grappling with supply chain vulnerability: from urban centres to the high seas.](#)" - Nadia Trent
- Presentation: "[Energy and the Environment: thinking about the impacts of current and future systems.](#)" - Rebecca Peer
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Nadia Trent, Rebecca Peer, Amandine Bosserelle, Cecile L'Hermitte, James Williams, Kaley Crawford-Flett, Lakshita Lakshita, Lindsay Robertson, Mark Gordon, Minh Kieu, Nik Vorster, Nirmal Nair, Prakash Ranjitkar, Richard Mowll, Roger Fairclough, Rolando Orense, Ross Roberts, Theuns Henning, Thomas Wallace, Annisa Hasanah, Conrad Zorn, Snehalata Thakur, Fraser Toulmin, Max Stephens, Pathmanathan Brabhakaran

Apologies: Colin Whittaker, Tumanako Fa'au

12 July 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All) [Meeting Slides](#)
- 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
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Richard Mowll, Rob Cardwell, Annisa Hazanah, Alec Wild, Cecile L'Hermitte, Conrad Zorn, James Williams, Lakshita Lakshita, Lindsay Robertson, Lisa Roberts, Maxim Millen, Minh Kieu, Nik Vorster, Nirmal Nair, Prakash Ranjitkar, Rebecca Peer, Roger Fairclough, Rolando Orense, Ross Roberts, Ryan Paulik, Snehalata, Theuns Henning, Thomas Wallace, Xin, Kaley Crawford-Flett, Matthew Hughes, Asaad Shamseldin, Tom Wilson, Tumanako Fa'au

Apologies: Seosamh Costello, SR Uma, Caroline Orchiston

14 June 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "[A traffic simulation-based approach to model mass evacuation of Auckland City under an imminent threat of volcanic eruption](#)" - Mujaddad Afzal [Recording Link](#)
- Presentation: "[The effect of hydrological characteristics of urban catchments on resilience of stormwater management systems: A quantitative approach](#)" - Nariman Valizadeh [Recording Link](#)
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Mujaddad Afzal, Nariman Valizadeh, Cécile L'Hermitte, Amandine Bosserelle, Asaad Shamseldin, Colin Whittaker, Greg Preston, Lakshita Lakshita, Lindsay Robertson, Nirmal Nair, Prakash Ranjitkar, Richard Mowll, Roger Fairclough, Rolando Orense, Ryan Paulik, Conrad Zorn, Daniel Smith, Mark Bebbington, Alec Wild, Caroline Orchiston, Greg Preston, Kaley Crawford-Flett, Kilisimasi Latu, Muizz Shah, Sophia Tsang, Thomas Wallace, Grant Wilson, Maxim Millen, Rob Bell, Matthew Hughes

Apologies: Theuns Henning, Richard Flay, Tom Logan

10 May 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All) [Meeting Slides](#)
- Presentation: "[Intermodal freight transport in the wake of an earthquake: key enablers and existing barriers in New Zealand](#)" - Cécile L'Hermitte [Recording Link](#)
- Presentation: "[Droughts and floods in New Zealand: role of Atmospheric Rivers](#)" - Ted Shu [Recording Link](#)
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Cécile L'Hermitte, Amandine Bosserelle, Asaad Shamseldin, Colin Whittaker, Greg Preston, James Williams, Lakshita Lakshita, Lindsay Robertson, Nirmal Nair, Prakash Ranjitkar, Richard Flay, Richard Mowll, Roger Fairclough, Rolando Orense, Ryan Paulik, Ted Shu, SR Uma, Conrad Zorn, Tom Logan, Theuns Henning, Minh Kieu, Rob Bell

Apologies: Matthew Hughes, Maxim Millen

12 April 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All) [Meeting Slides](#)
- Presentation: "Quakes, carbon, and seeing in the dark - a selection of recent student infrastructure projects" - Matthew Hughes [Recording Link](#)
- Presentation: "Infrastructure network disruption from the 2019 Rangitata Flood event" - Liam Wotherspoon [Recording Link](#)
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Matthew Hughes, Asaad Shamseldin, Ebad Rehman, Alec Wild, Alessandro Palermo, Amandine Bosserelle, Annisa Hasanah, Brendon Bradley, Caroline Orchiston, Cecile L'Hermitte, Colin Whittaker, Conrad Zorn, Hash Suresh, James Williams, Lakshita Lakshita, Lindsay Robertson, Max Stephens, Maxim Millen, Minh Kieu, Nirmal Nair, Prakash Ranjitkar, Richard Mowll, Rob Cardwell, Roger Fairclough, Rolando Orense, Seosamh Costello, Theuns Henning, Thomas Wallace, Tom Logan

Apologies: Tumanako Fa'au

8 March 2021 (10:00-11:30am NZT)

Purpose: To coordinate and share research activities on 2021 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "The New Zealand Dam Resilience Research Programme (DRRP): understanding the whole-life geotechnical performance of hydropower infrastructure in NZ" – Kaley Crawford-Flett
- Presentation: "The resilience of access to urban services" – Mitch Anderson & Tom Logan [Recording Link](#)
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Kaley Crawford-Flett, Tom Logan, Mitch Anderson, Annisa Hasanah, Asaad Shamseldin, Caroline Orchiston, Cecile L'Hermitte, Harsh Suresh, Lakshita Lakshita, Lindsay Robertson, Maxim Millen, Nirmal Nair, Richard Mowll, Rob Cardwell, Rolando Orense, Ryan Paulik, Seosamh Costello, Theuns Henning, SR Uma

Apologies: Colin Whittaker, Tumanako Fa'au